

**Register of requests for humanitarian aid to restore the destroyed infrastructure and replenish the emergency stock of equipment and energy resources, as well as meeting the humanitarian needs**

| Sequence Num. | Request ID          | Type of assistance (Equipment, Energy) | Type: <i>Equipment (Electrical, Gas, Mechanical, License)</i> | Firstclassification attribute of the Equipment and materials, Energy | Secondclassification attribute of the Equipment and materials, | Name of Equipment and materials, Energy resources, or Humanitarian | Components of Equipment or materials, components of Humanitarian needs, or Energy  | Specifications of Equipment or materials, or Humanitarian needs, or Energy resource  | Unit | Total need | Total needs for Equipment |    |    |    |
|---------------|---------------------|--|---|--|--|--|--|--|------|------------|---------------------------|----|----|----|
| 1             | 2                   | 9                                      | 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17         | 18                        | 19 | 20 | 21 |
| 1             | 014_UA22767506_0001 | Equipment                              | Mechanical  | Machinery  | Transport vehicles   | Brigade van (IVECO Daily55S18 4x4)                                 | IVECO Daily55S18 chassis and Brigade van.  | Double cabin (6 + 1 seats), workshop van, 4x4 all-wheel drive chassis  | pcs  | 3          | 3                         |    |    |    |
| 2             | 014_UA22767506_0002 | Humanitarian needs                     | Protection  | Civil protection equipment   | Personal protection equipment                                  | Gas masks  | Gas mask included: full-face panoramic mask with a filter combined small size  | Gas mask included: full-face panoramic mask (with mask, headband, adjustable straps and intercom, which protects the respiratory system, skin and eyes from exposure to toxic substances contained in gases, vapors and aerosols (dust, smoke, fog) , with the possibility of operation of the mask by people who wear glasses) and a filter combined small size (without the use of corrugated tubes) 2nd protection class (A1V1E1K2SO15SXP3D).             | pcs  | 1670       | 1670                      |    |    |    |
| 3             | 014_UA22767506_0003 | Equipment                              | Electrical  | Means of dispatching and technological management                    | Means of telecommunication                                     | Wearable VHF radios  | ICOM IC-F16 or similar   | 136-174 MHz, 5 W.  | pcs  | 45         | 45                        |    |    |    |
| 4             | 014_UA22767506_0004 | Equipment                              | Electrical  | Civil protection equipment   | Backup power plants  | Diesel generator - 9-10 kW   | Diesel generator KS 14-1DE ATSR  | Voltage 230 V, Power max. 11.0 kW, Rated power 10.5 kW, Engine power 21 hp, Fuel tank capacity 30 l, Oil sum volume 2.8 l, Frequency 50 Hz   | pcs  | 4          | 4                         |    |    |    |
| 5             | 014_UA22767506_0005 | Equipment                              | Electrical  | Civil protection equipment   | Backup power plants  | Gasoline generator - 6.5 kW  | petrol generator KS 7000E  | Maximum power 5.5 kW, Rated power 5.0 kW, Engine power 13 hp, Fuel type petrol, Fuel tank capacity 25 l, Voltage 230 V, Frequency 50 Hz  | pcs  | 5          | 5                         |    |    |    |
| 6             | 014_UA22767506_0006 | Humanitarian needs                     | Protection  | Civil protection equipment   | Personal protection equipment                                  | Rechargeable lanterns  | Flashlight Bailong Police P512-HP50  | Battery power  | pcs  | 100        | 100                       |    |    |    |
| 7             | 014_UA22767506_0007 | Humanitarian needs                     | Protection  | Civil protection equipment   | Personal protection equipment                                  | Rechargeable lanterns  | 550 Trio   | Light intensity - 550 lumens, beam range - 600 m, number of LEDs - 3 (white light) , Li-ion battery 3.7 V, Battery capacity - 4.5 A / h, continuous operation time from one full charge - 7 hours, three operating modes - at full power; at half power; in flash mode., housing protection level - IP 54 (waterproof). • Level of protection against falls from a height with an unlimited number of positions without damage - 1.5 m (rubberized housing). | pcs  | 50         | 50                        |    |    |    |
| 8             | 014_UA22767506_0008 | Humanitarian needs                     | Food  | Civil protection equipment   | Food   | Dry cakes (daily set of dry products)                              | The composition includes rice porridge with chicken, borsch with beef, stewed potatoes with vegetables and pork, barley porridge with beef, biscuits x3, rye flour crackers x1, instant coffee x1, black tea x2, sugar x3, pepper x1, salt x3, spoon, plastic x3, napkin x3, wet napkin x3 | Ukrainian daily dry food. Designed for food for 24 hours. Conveniently divided into three parts - breakfast, lunch and dinner  | pcs  | 6500       | 6500                      |    |    |    |
| 9             | 014_UA22767506_0009 | Humanitarian needs                     | Protection  | Civil protection equipment   | Filter and ventilation equipment                               | Set of filter and ventilation equipment                            | FAH 800/300 and Hidden 50  | Filter ventilation unit with manual backup drive, has a capacity of 600 m3 / h in filtration mode.   | set  | 4          | 4                         |    |    |    |
| 10            | 014_UA22767506_0010 | Equipment                              | Electrical  | Civil protection equipment   | Backup power plants  | Diesel generator 60-100 kW   | Diesel power plant EP-90B  | Fuel type: Diesel, Number of phases: 3, Operating mode: Continuous, Rated power 65 kW, Maximum power 72 kW, Fuel consumption 16.9 l / h  | pcs  | 4          | 4                         |    |    |    |

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|----|---------------------|--------------------|--------------|----------------------------------|-------------------------------|-----------------------------------|--|---|-----|------|------|--|--|--|--|
| 11 | 014_UA22767506_0011 | Humanitarian needs | Medical care | Civil protection equipment       | Tactical first aid kits       | Medical first aid kit (tactical)  | 1. Turnstile Python-2 - 2 pcs 2. Bandage bandage - 1 pcs 3. Hemostatic bandage - 1 pcs 4. Hemostatic compression bandage - 1 pcs 5. Occlusive dressing - 1 pcs 6. Adjustable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Thermal cover - 1 pcs 10. Nitrile gloves - 1 pair. 11. Marker for applying information - 1 pcs | First aid kit individual first level  | pcs | 600  | 600  |  |  |  |  |
| 12 | 014_UA22767506_0012 | Humanitarian needs | Protection   | Civil protection equipment       | Personal protection equipment | Individual chemical packages      | It is recommended to use 4 packages to provide one person.   | Individual anti-chemical package IPP-11 is designed for the prevention of skin-resorptive lesions of liquid-liquid toxic and emergency-hazardous substances through exposed skin, as well as for degassing these substances on human skin and clothing and tools in temperatures from - 20 ° C to + 50 ° C. If applied to the skin prematurely, the protective effect lasts for 24 hours. | pcs | 2400 | 2400 |  |  |  |  |
| 13 | 014_UA22767506_0013 | Equipment          | Mechanical   | Fire safety tools                | Fire extinguishers            | Fire extinguishers VVK-28 (OU-40) | Carbon dioxide fire extinguisher VVK-28  | active substance - carbon dioxide; gross weight on the wheelbase - 110.00 kilograms; total weight of active substance - 28.00 kilograms;  | pcs | 115  | 115  |  |  |  |  |
| 14 | 014_UA22767506_0014 | Equipment          | Mechanical   | Protective equipment and devices | Dielectric gloves             | Dielectric gloves (pairs)         | One pair of dielectric gloves (left and right glove)   | five-toed, seamless, made of natural latex (revultex), length 350 mm  | pcs | 200  | 200  |  |  |  |  |
| 15 | 014_UA22767506_0015 | Equipment          | Mechanical   | Protective equipment and devices | Dielectric boots              | Dielectric boots (pairs)          | rubber upper, rubber corrugated sole, textile lining and internal reinforcements   | rubber glued shaped boots from polyvinylchloride with marking Ev, zakot, height of boards not less than 160 mm  | pcs | 15   | 15   |  |  |  |  |
| 16 | 014_UA22767506_0016 | Equipment          | Electrical   | Protective equipment and devices | Voltage indicator             | 10kV voltage indicator (pcs)      | the working part, the insulating part and the handle are interconnected  | contact type, the threshold of operation - not more than 25% of the rated voltage, the minimum length of the insulating part - not less than 230 mm, the presence of sound and light alarms   | pcs | 20   | 20   |  |  |  |  |
| 17 | 014_UA22767506_0017 | Equipment          | Electrical   | Protective equipment and devices | Voltage indicator             | 0.4kV voltage indicator (pcs)     | two housings containing circuit elements connected by a flexible conductor at least 1 meter long   | contact type, the threshold of operation - in the range of 45 - 90 volts, the presence of sound and light alarms  | pcs | 50   | 50   |  |  |  |  |
| 18 | 014_UA22767506_0018 | Equipment          | Electrical   | Protective equipment and devices | Portable grounding            | Portable ground. PL-10kV (pcs)    | insulating rods, conductors, clamps, clamp, grounding pin  | length of the insulating part of the rod - 0.7 m.; number of insulating rods - 3; number of clamps - 3; length of the conductor-descent -10 m.; length of the short-circuit conductor - 1.6 m; conductor cross section - 25 mm2; insulation of copper conductors - a transparent flexible shell   | pcs | 10   | 10   |  |  |  |  |

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|----|---------------------|-----------|------------|----------------------------------|--------------------|---|--|---|-----|----|----|--|--|--|--|
| 19 | 014_UA22767506_0019 | Equipment | Electrical | Protective equipment and devices | Portable grounding | Portable ground. 0.4 kV overhead line (pcs)     | insulating rods, conductors, clamps, clamp, grounding pin                                  | number of insulating rods - 5; number of clamps - 5; length of the conductor-descent - 9 m.; length of the short-circuit conductor - 0.9 m; conductor cross section - 16 mm2; insulation of copper conductors - a transparent flexible shell  | pcs | 10 | 10 |  |  |  |  |
| 20 | 014_UA22767506_0020 | Equipment | Electrical | Protective equipment and devices | Portable grounding | Portable ground. EPA (pcs)                      | conductors, plug socket, clamp, grounding pin  | number of plug sockets - 5; length of the conductor-descent - 10 m.; length of the short-circuit conductor - 1.5 m; conductor cross section - 16 mm2; insulation of copper conductors - a transparent flexible shell  | pcs | 10 | 10 |  |  |  |  |
| 21 | 014_UA22767506_0021 | Equipment | Electrical | Protective equipment and devices | Portable grounding | Portable ground. RP-10kV (pcs)                  | insulating rods, conductors, clamps, clamp   | length of the insulating part of the rod - 0.7 m.; number of insulating rods - 3; number of clamps - 3; length of the conductor-descent - 2.5 m.; length of the short-circuit conductor - 1.2 m; conductor cross section - 25 mm2; insulation of copper conductors - a transparent flexible shell | pcs | 10 | 10 |  |  |  |  |
| 22 | 014_UA22767506_0022 | Equipment | Electrical | Protective equipment and devices | Mounting belt      | Note. mount. belt, 2-sling (pcs)                | safety belt with nipple and leg straps, metal fasteners, two rope slings                   | strap, belt width - 50 mm, number of insurance attachment points - 3, polyamide and polyester, sizes L, S, M, rope slings with two carabines up to 1.9 meters long  | pcs | 20 | 20 |  |  |  |  |
| 23 | 014_UA22767506_0023 | Equipment | Electrical | Protective equipment and devices | Installer manholes | Installation manholes (for concrete)            | installation manholes, fastening belts, two replaceable traverses with double-alloy spikes | manholes made of steel with paint and varnish coating, the size of the manholes is adjustable 155 mm. 175 mm. 195 mm., Traverses with spikes made of heat-treated steel, fastening straps - made of two solid pieces of yuft leather and orphan leather   | pcs | 10 | 10 |  |  |  |  |
| 24 | 014_UA22767506_0024 | Equipment | Mechanical | Protective equipment and devices | Ladders            | Ladder 3.5 m                                    | ladder, rubber thrust bearings, metal tips   | one-knee; added; length - 3.5 m; material - fiberglass; number of steps - 10; weight - not more than 11 kg; coating - weatherproof electrical insulating enamel   | pcs | 20 | 20 |  |  |  |  |
| 25 | 014_UA22767506_0025 | Equipment | Mechanical | Protective equipment and devices | Wiring tools       | Insulating tool                                 | screwdriver slot, screwdriver cross, pliers, pliers, wrench set                            | single or double layer insulation; moisture-resistant, oil-and-gas-resistant, non-brittle and non-slip insulation; distance between strings - at the top 350 mm and at the base 530 mm.; horn keys 8-24   | set | 20 | 20 |  |  |  |  |
| 26 | 014_UA22767506_0026 | Equipment | Electrical | Protective equipment and devices | Lanterns           | Rechargeable flashlight                         | lantern, batteries, charger  | body - plastic; charging from 220V; protection against moisture; LEDs in the front and side parts; lighting range - 100 m.; continuous operation time - 20 hours  | pcs | 20 | 20 |  |  |  |  |
| 27 | 014_UA22767506_0027 | Equipment | Mechanical | Protective equipment and devices | Goggles            | Goggles   | goggles, strap, anti-fog film  | closed goggles with indirect ventilation; transparent; lens material - polycarbonate; anti-scratch coating; weight - 0.5 kg.  | pcs | 70 | 70 |  |  |  |  |
| 28 | 014_UA22767506_0028 | Equipment | Mechanical | Protective equipment and devices | Protective helmets | Protective helmet with winter helmet and shield | helmet, fastening and damping system, protective shield, winter helmet, chin strap         | material - polypropylene; color - yellow or orange; 8 depreciation fixing points; manual adjustment of the size of the head 53 - 63 cm; availability of ventilation;  | pcs | 70 | 70 |  |  |  |  |
| 29 | 014_UA22767506_0029 | Equipment | Mechanical | Protective equipment and devices | Dielectric mats    | Dielectric mats                                 | Single-purpose dielectric mat  | size - 500 x 500 mm.; monochrome; corrugated front surface  | pcs | 10 | 10 |  |  |  |  |

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| 30 | 014_UA22767506_0030 | Equipment | Mechanical | Overalls and footwear                  | Protective suits   | Sawmill suit (jacket and pants, protective helmet with shield and headphones, gloves, boots) | jacket, pants, boots, gloves, helmet with headphones and protective shield                            | trousers with inserts against cuts by a saw; boots with a protective metal toe and heel; clothing sizes - 96-100, 104-108, 112-116; taking sizes - 42, 43, 44, 45, 46  | set | 15 | 15 |  |  |  |  |
| 31 | 014_UA22767506_0031 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TM-63/10  | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 63 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40      | pcs | 10 | 10 |  |  |  |  |
| 32 | 014_UA22767506_0032 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TM-100/10   | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 100 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 4  | 4  |  |  |  |  |
| 33 | 014_UA22767506_0033 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TM-160/10   | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 160 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 2  | 2  |  |  |  |  |
| 34 | 014_UA22767506_0034 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Switches           | Vacuum switches 10 kV VRS-10-25 / 1600   | Poles, spring drive,  | Vacuum vacuum 10 kV type BRS-10-25 / 1600, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 25 kA  | pcs | 10 | 10 |  |  |  |  |
| 35 | 014_UA22767506_0035 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Switches           | Vacuum switches 10 kV VRS-10-20 / 1000   | Poles, spring drive,  | Vacuum vacuum 10 kV type VRS-10-25 / 1000, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1000 A, Im = 25 kA  | pcs | 15 | 15 |  |  |  |  |
| 36 | 014_UA22767506_0036 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Switches           | Vacuum switches 10 kV VRS-10-12,5 / 630  | Poles, spring drive,  | Vacuum vacuum 10 kV type BRS-10-25 / 630, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 12.5 kA   | pcs | 26 | 26 |  |  |  |  |
| 37 | 014_UA22767506_0037 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TMN-2500/35   | Power transformer, power bushings, accessories  | Vector group Y / D-11; Rated capacity - 2.5 MVA; Un = $35 \pm 4 \times 2.5\%$ / 10.5 kV  | pcs | 1  | 1  |  |  |  |  |
| 38 | 014_UA22767506_0038 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TMN-6300/35   | Power transformer, power bushings, accessories  | Vector group Y / D-11; Rated capacity - 6.3 MVA; Un = $35 \pm 4 \times 2.5\%$ / 10.5 kV  | pcs | 1  | 1  |  |  |  |  |
| 39 | 014_UA22767506_0039 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformers TMN-4000/35   | Power transformer, power bushings, accessories  | Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A bus   | pcs | 1  | 1  |  |  |  |  |
| 40 | 014_UA22767506_0040 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformer TDTN-25000/110/10/10   | Power transformer, power bushings, accessories  | Vector group Y <sub>H</sub> / Δ / Δ 11-11; Rated capacity - 25 MVA; Un = $115 \pm 9 \times 1.78\%$ / 10.5 / 10.5 kV  | pcs | 1  | 1  |  |  |  |  |
| 41 | 014_UA22767506_0041 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformer TDTN-16000/110/35/10   | Power transformer, power bushings, accessories  | Vector group Y <sub>n</sub> / Y / D 0-11; Rated capacity - 16.0 MVA; Un = U <sub>xx</sub> = $115 \pm 9 \times 1.78\%$ / 38.5 + 2 * 2.5% / 11kV   | pcs | 1  | 1  |  |  |  |  |
| 42 | 014_UA22767506_0042 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformer TDTN-16000/110/10  | Power transformer, power bushings, accessories  | Vector group Y <sub>n</sub> / D -11; Rated capacity - 16.0 MVA; Un = $115 \pm 9 \times 1.78\%$ / 11  | pcs | 1  | 1  |  |  |  |  |
| 43 | 014_UA22767506_0043 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Power transformer TMN-6300/110/35/10   | Power transformer, power bushings, accessories  | Vector group Y <sub>n</sub> / D -11; Rated capacity - 6.3 MVA; Un = $115 \pm 9 \times 1.78\%$ / 38.5 ± 2 * 2.5% / 11 kV  | pcs | 1  | 1  |  |  |  |  |

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|----|---------------------|--------------------|------------|--|-------------------------------|---|---|--|-----|-------|-------|--|--|--|
| 44 | 014_UA22767506_0044 | Equipment          | Electrical | Equipment for 110/35/10 kV substations       | Power transformers            | Power transformer TDTN-10000/110/10     | Power transformer, power bushings, accessories            | Vector group Yn / D -11; Rated capacity - 10.0 MVA; Un = 115 ± 9 * 1.78% / 11 kV   | pcs | 1     | 1     |  |  |  |
| 45 | 014_UA22767506_0045 | Equipment          | Electrical | Equipment for 110/35/10 kV substations       | Power transformers            | Power transformer TDTN-10000/110/35/10  | Power transformer, power bushings, accessories            | Vector group Yn / Y / D 0-11; Rated capacity - 10.0 MVA; Un = 115 ± 9 * 1.78% / 38.5 ± 2 * 2.5% / 11 kV                            | pcs | 1     | 1     |  |  |  |
| 46 | 014_UA22767506_0046 | Equipment          | Electrical | Equipment for 110/35/10 kV substations       | Power transformers            | Power transformer TMN-6300/110/10       | Power transformer, power bushings, accessories            | Vector group Yn / D -11; Rated capacity - 6.3 MVA; Un = 115 ± 9 * 1.78% / 11 kV  | pcs | 2     | 2     |  |  |  |
| 47 | 014_UA22767506_0047 | Equipment          | Electrical | Equipment for 110/35/10 kV substations       | Switches                      | SF6 switches 110 kV type LTB-145 d1 / b | LTB-145 d1 / b  | SF6 switch 110 kV. Rated voltage 145 kV Rated frequency 50 Hz Rated current 2000 A Rated current tripping at short circuit 31.5 kA | pcs | 3     | 3     |  |  |  |
| 48 | 014_UA22767506_0048 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Supports                      | U-110 metal support 1                   | Support metal U-110-1, the Foundation - F4-AM (4 pieces), | Height to the bottom of the traverse - 10.5 m; galvanized, weight 5,235t.  | pcs | 10    | 10    |  |  |  |
| 49 | 014_UA22767506_0049 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Supports                      | U-35-1 metal support                    | Support metal U-35-1, the Foundation - F4-AM (4 pieces),  | Height to the bottom of the traverse - 10.0 m; galvanized, weight 3,263t.  | pcs | 10    | 10    |  |  |  |
| 50 | 014_UA22767506_0050 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Supports                      | U-35-2 metal support                    | Support metal U-35-2, the Foundation - F4-AM (4 pieces),  | Height to the bottom of the traverse - 10.5 m; galvanized, weight 5,200t.  | pcs | 10    | 10    |  |  |  |
| 51 | 014_UA22767506_0051 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire              | Wire AC-120                             | wire AC-120/19  | outer diameter 15.2 mm; section of a steel vein of 19 mm2; weight 1km.-471kg.; long-term allowable current-385A                    | t   | 3,689 | 3,689 |  |  |  |
| 52 | 014_UA22767506_0052 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire              | Wire AC-95                              | wire AC-95/16   | outer diameter 13.5 mm; section of a steel vein of 16 mm2; weight 1km.-384kg.; allowable current duration-325A                     | t   | 6,545 | 6,545 |  |  |  |
| 53 | 014_UA22767506_0053 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire              | Wire AC-150                             | wire AC-150/19  | outer diameter 16.8 mm; section of a steel vein of 19 mm2; weight 1km.-554kg.; long-term allowable current-440A                    | t   | 4,193 | 4,193 |  |  |  |
| 54 | 014_UA22767506_0054 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire              | Wire AC-240                             | wire AC-240/32  | outer diameter 21.6 mm; section of a steel vein of 32 mm2; weight 1km.-921kg.; long-term allowable current -605A                   | t   | 1,842 | 1,842 |  |  |  |
| 55 | 014_UA22767506_0055 | Equipment          | Electrical | Computer equipment                           | Computers                     | Laptop (i3, RAM 8, SSD 256)             | laptop, power supply, laptop bag                          | i3 processor, 8 GB of RAM, 256 MB hard drive   | pcs | 10    | 10    |  |  |  |
| 56 | 014_UA22767506_0056 | Equipment          | Electrical | Computer equipment                           | Printers                      | A4 Printer (Canon LBP226DW)             | printer, cable, power, USB cable                          | Laser, print load per month 80,000 pages   | pcs | 10    | 10    |  |  |  |
| 57 | 014_UA22767506_0057 | Humanitarian needs | Protection | Civil protection equipment                   | Personal protection equipment | Kevlar helmet                           | Kevlar bulletproof helmet "Helmet-1M", Temp 3000          | Protection class not lower than 3  | pcs | 600   | 600   |  |  |  |

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| 58 | 014_UA22767506_0058 | Humanitarian needs | Protection   | Civil protection equipment             | Personal protection equipment | Body armor  | Disi Pancer body armor  | Protection class not lower than 3   | pcs | 600 | 600 |  |  |  |
| 59 | 014_UA22767506_0059 | Humanitarian needs | Medical care | Civil protection equipment             | Defibrillators                | Defibrillators are portable                       | defibrillator, bag-case, set of self-adhesive electrodes (adult, child), battery, charger, memory card  | operating mode - automatic or semi-automatic; voice prompts; power - 200 J (standard) 360 J (power); display; self-test function; built-in memory; protection against dust and moisture                       | pcs | 10  | 10  |  |  |  |
| 60 | 014_UA22767506_0060 | Humanitarian needs | Medical care | Civil protection equipment             | Personal protection equipment | First-aid kit medical (industrial)                | The first-aid kit contains products for processing and bandaging of wounds, immobilization; antiseptics, painkillers, cardiac and aids, enterosorbent, first aid manual, as well as recommendations for the use of attachments. The first-aid kit (bag) is equipped with a shoulder strap for convenience of use in field conditions. | First aid kit mobile - a set of medical devices and medicines, designed for the timely provision of first home self-help and mutual aid at the production and storage sites of enterprises and organizations. | pcs | 500 | 500 |  |  |  |
| 61 | 014_UA22767506_0061 | Humanitarian needs | Medical care | Civil protection equipment             | Personal protection equipment | Hemostatic tourniquets                            | Hemostatic tourniquet tourniquet 2016   | Overall dimensions: the sizes of a plait in the packed look: 20x7x3,5 cm, length of a product: 93 cm, weight: 83 g  | pcs | 600 | 600 |  |  |  |
| 62 | 014_UA22767506_0062 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Power transformers            | Input cell 10 kV KYN28A-12 (ZN63A-12 / 1600-25)   | Cell, 10 kV vacuum switch, 10 kV current transformers, 10 kV arrester, 10 kV busbars, relay compartment without MP device   | Vacuum vacuum 10 kV like ZN63A-12 / 1600-25), Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 25 kA  | pcs | 2   | 2   |  |  |  |
| 63 | 014_UA22767506_0063 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Prefabricated cells           | Cell of the section switch of 10 kV KYN28A-12     | Cell, 10 kV vacuum switch, 10 kV current transformers, 10 kV arrester, 10 kV busbars, relay compartment without MP device   | Vacuum vacuum 10 kV like ZN63A-12 / 1600-25), Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 25 kA  | pcs | 1   | 1   |  |  |  |
| 64 | 014_UA22767506_0064 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Prefabricated cells           | Cell of sectional disconnector of 10 kV KYN28A-12 | Sectioned pull-out element 10 kV with earthing knives, relay compartment without MP device  | Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A bus  | pcs | 1   | 1   |  |  |  |
| 65 | 014_UA22767506_0065 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Prefabricated cells           | Cell linear 10 kV KYN28A-12 (ZN63A-12 / 630-25)   | Cell, 10 kV vacuum switch, 10 kV current transformers, 10 kV arrester, 10 kV busbars, relay compartment without MP device   | Vacuum vacuum 10 kV type ZN63A-12 / 630-12), Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 630 A, Im = 12 kA  | pcs | 16  | 16  |  |  |  |
| 66 | 014_UA22767506_0066 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Instrument transformers       | Cell of the 10 kV KYN28A-12 voltage transformer   | Cell, voltage transformer 10kV, OPN-10 kV, relay compartment without MP device  | Three dry type voltage transformersDZX9-10  | pcs | 2   | 2   |  |  |  |
| 67 | 014_UA22767506_0067 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Instrument transformers       | Cell of the 10 kV KYN28A-12 voltage transformer   | Cell, voltage transformer 10kV, OPN-10 kV, relay compartment without MP device  | Three dry type voltage transformersDZX9-10  | pcs | 2   | 2   |  |  |  |
| 68 | 014_UA22767506_0068 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Relay protection devices      | PCS-9611 line relay protection terminal           | 10 kV cell protection and control device  | 6 degrees MTZ, 6 degrees TZNP, 1 degree I2, 2 degrees 3U0, PRVV, AUV, Umin, Umax  | pcs | 21  | 21  |  |  |  |
| 69 | 014_UA22767506_0069 | Equipment          | Electrical   | Equipment for 110/35/10 kV substations | Relay protection devices      | PCS-96560 arc protection terminal                 | Arc protection based on optical sensors   | PRVV to 6 switches, the organization of arc protection on the basis of the optical sensors located on cells of 10 kV  | pcs | 4   | 4   |  |  |  |

|    |                     |           |            |  |                          |   |   |   |     |      |      |  |  |  |  |
|----|---------------------|-----------|------------|--|--------------------------|---|---|---|-----|------|------|--|--|--|--|
| 70 | 014_UA22767506_0070 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Relay protection devices | Relay protection terminal PCS-9651                      | Microprocessor device AVR 10  | AVR-10 device, automatic switching of backup power supply with the function of remote and automatic control   | pcs | 1    | 1    |  |  |  |  |
| 71 | 014_UA22767506_0071 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Relay protection devices | PCS-9882AD-5 Switch                                     | Ethernet switch   | 10/100/1000 Mbps / self-adaptive Ethernet electric ports  | pcs | 6    | 6    |  |  |  |  |
| 72 | 014_UA22767506_0072 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Relay protection devices | RS485 / Modbus-RTU protocol converter                   | Module 7 pins RS485 NR1205  | Possibilities to extend the communication line to a distance of up to 1200 m. Software support for the industrial data exchange protocol Modbus-RTU | pcs | 3    | 3    |  |  |  |  |
| 73 | 014_UA22767506_0073 | Equipment | Electrical | Computer networks                            | Telecommunications       | StarLink satellite internet station                     | kit   | StarLink satellite internet station   | pcs | 5    | 5    |  |  |  |  |
| 74 | 014_UA22767506_0074 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire         | Wire AC-50  | Conductive core of six twisted aluminum wires with a diameter of 3.2 mm; Steel wire with a diameter of 3.2 mm | Weight of 1 km of wire - 191 kg   | t   | 3,2  | 3,2  |  |  |  |  |
| 75 | 014_UA22767506_0075 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                 | Support SV 10.5-5                                       | Reinforced concrete transmission support  | Length, 10500 mm; Weight, 1180 kg; Transverse size from above 200x180x190 mm; Transverse size at the bottom 200x180x280 mm;                         | pcs | 316  | 316  |  |  |  |  |
| 76 | 014_UA22767506_0076 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators               | ShF-20 (SHS) insulator                                  | Pin insulator   | Rated voltage 20 kV   | pcs | 468  | 468  |  |  |  |  |
| 77 | 014_UA22767506_0077 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire         | A-50 wire   | Conductive core of six twisted aluminum wires with a diameter of 3 mm;  | Weight of 1 km of wire - 135 kg   | t   | 2,72 | 2,72 |  |  |  |  |
| 78 | 014_UA22767506_0078 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire         | Wire A-35   | Conductive core of six twisted aluminum wires with a diameter of 2.51 mm;                                     | Weight of 1 km of wire - 94 kg  | t   | 3,4  | 3,4  |  |  |  |  |
| 79 | 014_UA22767506_0079 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                 | Support SV-9,5-2-a                                      | Reinforced concrete transmission support  | Length, 9500 mm; Weight, 750 kg; Transverse size from above 165x165x150 mm; Transverse size at the bottom 165x240x150 mm;                           | pcs | 760  | 760  |  |  |  |  |
| 80 | 014_UA22767506_0080 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable connecting 10 STpM-7 (3 / 35-50)         | Coupling cable connecting   | Rated voltage 10 kV, type STpM-7; three veins; cross section 35-50 mm2  | pcs | 50   | 50   |  |  |  |  |
| 81 | 014_UA22767506_0081 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable connecting 10 STpM-8 (3 / 70-120)        | Coupling cable connecting   | Rated voltage 10 kV, type STpM-8; three veins; cross section 70-120 mm2   | pcs | 430  | 430  |  |  |  |  |
| 82 | 014_UA22767506_0082 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable connecting 10 STpM-9 (3 / 150-240)       | Coupling cable connecting   | Rated voltage 10 kV, type STpM-9; three veins; cross section 150-240 mm2  | pcs | 60   | 60   |  |  |  |  |
| 83 | 014_UA22767506_0083 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable trailer external 10KNTpH-7 (3 / 35-50)   | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-7; three veins; cross section 35-50 mm2   | pcs | 21   | 21   |  |  |  |  |
| 84 | 014_UA22767506_0084 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable trailer external 10KNTpH-8 (3 / 70-120)  | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-8; three veins; cross section 70-120 mm2  | pcs | 126  | 126  |  |  |  |  |
| 85 | 014_UA22767506_0085 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings          | Coupling cable trailer external 10KNTpH-9 (3 / 150-240) | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-9; three veins; cross section 150-240 mm2   | pcs | 30   | 30   |  |  |  |  |

|     |                     |           |            |   |                 |   |                                      |  |     |      |      |  |  |  |
|-----|---------------------|-----------|------------|---|-----------------|---|--------------------------------------|--|-----|------|------|--|--|--|
| 86  | 014_UA22767506_0086 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer inside 10kVTPN-7 (3 / 35-50)   | Cable sleeve end internal            | Rated voltage 10 kV, type kVTPN-7; three veins; cross section 35-50 mm2    | pcs | 30   | 30   |  |  |  |
| 87  | 014_UA22767506_0087 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer inside 10kVTPN-8 (3 / 70-120)  | Cable sleeve end internal            | Rated voltage 10 kV, type kVTPN-8; three veins; cross section 70-120 mm2   | pcs | 75   | 75   |  |  |  |
| 88  | 014_UA22767506_0088 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer inside 10kVTPN-9 (3 / 150-240) | Cable sleeve end internal            | Rated voltage 10 kV, type kVTPN-9; three veins; cross section 150-240 mm2  | pcs | 15   | 15   |  |  |  |
| 89  | 014_UA22767506_0089 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 10PsTp-9 (3 / 150-240)      | Coupling cable connecting            | Rated voltage 10 kV, type PsTp-9; three veins; cross section 150-240 mm2   | pcs | 168  | 168  |  |  |  |
| 90  | 014_UA22767506_0090 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer 10PkVTPN-9 (3 / 150-240)       | Cable sleeve end internal            | Rated voltage 10 kV, type PkVTPN-9; three veins; cross section 150-240 mm2 | pcs | 30   | 30   |  |  |  |
| 91  | 014_UA22767506_0091 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 10PSTP-8 (1 / 70-120)       | Coupling cable connecting            | Rated voltage 10 kV, type PSTP-8; single vein; cross section 70-120 mm2    | pcs | 30   | 30   |  |  |  |
| 92  | 014_UA22767506_0092 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer 10PKVTP-8 (1 / 70-120)         | Cable sleeve end internal            | Rated voltage 10 kV, type PKVTP-8; single vein; cross section 70-120 mm2   | pcs | 3    | 3    |  |  |  |
| 93  | 014_UA22767506_0093 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X240                                | Power cable                          | Rated voltage up to 10 kV, core cross section 240 mm2                      | km  | 0,36 | 0,36 |  |  |  |
| 94  | 014_UA22767506_0094 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X185                                | Power cable                          | Rated voltage up to 10 kV, core cross section 185 mm2                      | km  | 0,36 | 0,36 |  |  |  |
| 95  | 014_UA22767506_0095 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X150                                | Power cable                          | Rated voltage up to 10 kV, core cross section 150 mm2                      | km  | 1,08 | 1,08 |  |  |  |
| 96  | 014_UA22767506_0096 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X120                                | Power cable                          | Rated voltage up to 10 kV, core cross section 120 mm2                      | km  | 2,4  | 2,4  |  |  |  |
| 97  | 014_UA22767506_0097 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X95                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 95 mm2                       | km  | 1,8  | 1,8  |  |  |  |
| 98  | 014_UA22767506_0098 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X70                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 70 mm2                       | km  | 1,2  | 1,2  |  |  |  |
| 99  | 014_UA22767506_0099 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X50                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 50 mm2                       | km  | 0,24 | 0,24 |  |  |  |
| 100 | 014_UA22767506_0100 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 15Tp-1 (3 / 35-50)          | Coupling cable connecting            | Rated voltage 1 kV, type STp-1; three veins; cross section 35-50 mm2       | pcs | 25   | 25   |  |  |  |
| 101 | 014_UA22767506_0101 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 15Tp-2 (3 / 70-120)         | Coupling cable connecting            | Rated voltage 1 kV, type STp-2; three veins; cross section 70-120 mm2      | pcs | 55   | 55   |  |  |  |
| 102 | 014_UA22767506_0102 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-1 (3 / 35-50)  | The coupling is cable final external | Rated voltage 1 kV, type KHTnH-1; three veins; cross section 35-50 mm2     | pcs | 25   | 25   |  |  |  |
| 103 | 014_UA22767506_0103 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-2 (3 / 70-120) | The end cable is external            | Rated voltage 1 kV, type KHTnH-2; three veins; cross section 70-120 mm2    | pcs | 40   | 40   |  |  |  |
| 104 | 014_UA22767506_0104 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-5 (4 / 70-120) | The coupling is cable final external | Rated voltage 1 kV, type KHTnH-5; four veins; cross section 70-120 mm2     | pcs | 30   | 30   |  |  |  |



|     |                     |           |            |   |                    |  |   |  |     |      |      |  |  |  |
|-----|---------------------|-----------|------------|---|--------------------|--|---|--|-----|------|------|--|--|--|
| 105 | 014_UA22767506_0105 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable trailer inside 1kVTPN-5 (4 / 70-120)  | The coupling is cable final internal  | Rated voltage 1 kV, type kVTPN-5; four veins; cross section 70-120 mm2   | pcs | 37   | 37   |  |  |  |
| 106 | 014_UA22767506_0106 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable connecting 1STp-4 (4 / 35-50)         | Coupling cable connecting   | Rated voltage 1 kV, type STp-4; four veins; cross section 35-50 mm2  | pcs | 42   | 42   |  |  |  |
| 107 | 014_UA22767506_0107 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable connecting 1STp-5 (4 / 70-120)        | Coupling cable connecting   | Rated voltage 1 kV, type STp-5; four veins; cross section 70-120 mm2   | pcs | 54   | 54   |  |  |  |
| 108 | 014_UA22767506_0108 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x120 cable                                     | AVVG 4x120 cable  | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 3,6  | 3,6  |  |  |  |
| 109 | 014_UA22767506_0109 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x95 cable                                      | AVVG 4x95 cable   | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 1,44 | 1,44 |  |  |  |
| 110 | 014_UA22767506_0110 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x70 cable                                      | AVVG 4x70 cable   | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 1,56 | 1,56 |  |  |  |
| 111 | 014_UA22767506_0111 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x50 cable                                      | AVVG 4x50 cable   | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 1,56 | 1,56 |  |  |  |
| 112 | 014_UA22767506_0112 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x35 cable                                      | AVVG 4x35 cable   | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 0,6  | 0,6  |  |  |  |
| 113 | 014_UA22767506_0113 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable              | AVVG 4x25 cable                                      | AVVG 4x25 cable   | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 0,36 | 0,36 |  |  |  |
| 114 | 014_UA22767506_0114 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable connecting 1STp-6 (4 / 150-240)       | Coupling coupling   | 1STp-6 (4 / 150-240)   | pcs | 12   | 12   |  |  |  |
| 115 | 014_UA22767506_0115 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable trailer inside 1kVTPN-4 (4 / 35-50)   | The coupling is final inside  | 1kVTPN-4 (4 / 35-50)   | pcs | 36   | 36   |  |  |  |
| 116 | 014_UA22767506_0116 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings    | Coupling cable trailer external 1KNTpN-4 (4 / 35-50) | The coupling is final external  | 1KHTnH-4 (4 / 35-50)   | pcs | 18   | 18   |  |  |  |
| 117 | 014_UA22767506_0117 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers | Power transformer 10 / 0,4 kV; 63 kVA                | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 63 kVA, vector group - U / Un-0, Nominal high voltage - 10 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C  | pcs | 6    | 6    |  |  |  |
| 118 | 014_UA22767506_0118 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers | Power transformer 10 / 0,4 kV; 100 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 100 kVA, vector group - U / Un-0, Nominal high voltage - 10 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 8    | 8    |  |  |  |
| 119 | 014_UA22767506_0119 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers | Power transformer 10 / 0,4 kV; 160 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 160 kVA, vector group - U / Un-0, Nominal high voltage - 10 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 8    | 8    |  |  |  |

|     |                     |           |            |                              |                                |  |  |  |     |       |       |  |  |  |
|-----|---------------------|-----------|------------|------------------------------|--------------------------------|--|--|--|-----|-------|-------|--|--|--|
| 120 | 014_UA22767506_0120 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Power transformers             | Power transformer 10 / 0.4 kV; 250 kVA | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 250 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 6     | 6     |  |  |  |
| 121 | 014_UA22767506_0121 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Power transformers             | Power transformer 10 / 0.4 kV; 400 kVA | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 400 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 4     | 4     |  |  |  |
| 122 | 014_UA22767506_0122 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells            | Cells with 10 kV HV                    | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminosinc, as a switching device - Load switch (VNA-10/630, etc.)  | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current of the main circuits of CSR cameras with a load switch at a frequency of 50 Hz, 630 A. Rated current tripping of the load switch 630 A. Electrodynamic stability current 50 kA. Thermal stability current 20 kA  | pcs | 2     | 2     |  |  |  |
| 123 | 014_UA22767506_0123 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells            | Cells with 10 kV CF.                   | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminosinc, as a switching device - oil switch type VMP10-630, etc.)  | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current main circuits of CSR chambers with oil switch at a frequency of 50 Hz, 1000 A. Rated current tripping 20kA. Electrodynamic stability current 51 kA. Thermal stability current 20 kA  | pcs | 2     | 2     |  |  |  |
| 124 | 014_UA22767506_0124 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells            | Cells with explosives 10 kV            | Cells of unilateral service of frame type, made of high-quality steel sheet or aluminosinc, as the switching device - vacuum switches (VL-12 "LS", VD-4, Vmax "ABB", 3AN "Siemens", BP1 "RZVA, etc.) | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current of the main circuits of CSR cameras with a load switch at a frequency of 50 Hz, 630 A. Rated current shutdown of the vacuum switch 20 kA. Electrodynamic stability current 51 kA. Thermal stability current 20 kA  | pcs | 2     | 2     |  |  |  |
| 125 | 014_UA22767506_0125 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells            | Cells WHO-94 0.4 kV                    | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminosinc  | Rated voltage 0.38 kV, number of outgoing lines 1-9, rated current of the single panel 2500A.  | pcs | 2     | 2     |  |  |  |
| 126 | 014_UA22767506_0126 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Insulators                     | IPT-10 / 250A insulator                | IPT-10 / 250A insulator  | Rated voltage 6.10 kV, rated current 250 A   | pcs | 60    | 60    |  |  |  |
| 127 | 014_UA22767506_0127 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Insulators                     | IPT-1 / 250A insulator                 | IPT-1 / 250A insulator   | Rated voltage up to 1 kV, rated current 250 A  | pcs | 60    | 60    |  |  |  |
| 128 | 014_UA22767506_0128 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire for 40 kVA 1.5 mm             | Aluminum wire  | cross section 1.5 mm   | t   | 0,078 | 0,078 |  |  |  |
| 129 | 014_UA22767506_0129 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire for 63 kVA 1.9 mm.            | Aluminum wire  | cross section 1.9 mm   | t   | 0,12  | 0,12  |  |  |  |
| 130 | 014_UA22767506_0130 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire per 100 kVA 2.36 mm.          | Aluminum wire  | cross section 2.36 mm  | t   | 0,12  | 0,12  |  |  |  |
| 131 | 014_UA22767506_0131 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire for 160 kVA 2.65 mm.          | Aluminum wire  | cross section 2.65 mm  | t   | 0,12  | 0,12  |  |  |  |
| 132 | 014_UA22767506_0132 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire for 250 kVA 3.15 mm.          | Aluminum wire  | section 3.15 mm  | t   | 0,06  | 0,06  |  |  |  |
| 133 | 014_UA22767506_0133 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | APB wire for 400 kVA 4.00 mm.          | Aluminum wire  | cross section 4 mm   | t   | 0,12  | 0,12  |  |  |  |
| 134 | 014_UA22767506_0134 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | Wire PEEA-130 1.8 mm                   | Wire PEEA-130  | section 1.8 mm   | t   | 0,06  | 0,06  |  |  |  |
| 135 | 014_UA22767506_0135 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | Wire PEEA-130 2,0mm                    | Wire PEEA-130 2,0mm  | cross section 2.0 mm   | t   | 0,06  | 0,06  |  |  |  |

|     |                     |           |            |                              |                                |                                   |   |   |     |       |       |  |  |  |
|-----|---------------------|-----------|------------|------------------------------|--------------------------------|-----------------------------------|---|---|-----|-------|-------|--|--|--|
| 136 | 014_UA22767506_0136 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | 63 kVa AP8 bus - 7x8 mm           | Aluminum tire   | cross section 7x8 mm  | t   | 0,075 | 0,075 |  |  |  |
| 137 | 014_UA22767506_0137 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Materials for equipment repair | 100 kVa AP8 bus - 4x11.2 / 055 mm | Aluminum tire   | 4x11.2 / 055 mm   | t   | 0,09  | 0,09  |  |  |  |
| 138 | 014_UA22767506_0138 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 63 A              | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 63 A; Working temperature: from -25C° to + 40C°; Electronic release  | pcs | 40    | 40    |  |  |  |
| 139 | 014_UA22767506_0139 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 100 A             | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 100 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 80    | 80    |  |  |  |
| 140 | 014_UA22767506_0140 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 160 A             | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 160 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 70    | 70    |  |  |  |
| 141 | 014_UA22767506_0141 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 200 A             | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 200 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 28    | 28    |  |  |  |
| 142 | 014_UA22767506_0142 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 250 A             | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 250 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 40    | 40    |  |  |  |
| 143 | 014_UA22767506_0143 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 400 A             | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 400 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 6     | 6     |  |  |  |
| 144 | 014_UA22767506_0144 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers               | Circuit breaker 630 A.            | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 600 A; Working temperature: from -25C° to + 40C°; Electronic release | pcs | 12    | 12    |  |  |  |
| 145 | 014_UA22767506_0145 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches                       | RPB-100 A switch                  | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2; | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"  | pcs | 56    | 56    |  |  |  |
| 146 | 014_UA22767506_0146 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches                       | RPS-100 A switch                  | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2; | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"  | pcs | 8     | 8     |  |  |  |
| 147 | 014_UA22767506_0147 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches                       | RPB-160 A switch                  | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2; | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"  | pcs | 43    | 43    |  |  |  |

|     |                     |           |            |                              |          |                        |  |   |     |    |    |  |  |  |  |
|-----|---------------------|-----------|------------|------------------------------|----------|------------------------|--|---|-----|----|----|--|--|--|--|
| 148 | 014_UA22767506_0148 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-160 A switch       | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 6  | 6  |  |  |  |  |
| 149 | 014_UA22767506_0149 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | The RPB-250 A switch   | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 64 | 64 |  |  |  |  |
| 150 | 014_UA22767506_0150 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-250 A switch       | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 6  | 6  |  |  |  |  |
| 151 | 014_UA22767506_0151 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPB-400 A switch       | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 27 | 27 |  |  |  |  |
| 152 | 014_UA22767506_0152 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-400 A switch       | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 3  | 3  |  |  |  |  |
| 153 | 014_UA22767506_0153 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | The RPB-630 A switch   | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 17 | 17 |  |  |  |  |
| 154 | 014_UA22767506_0154 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-630 A switch       | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 2  | 2  |  |  |  |  |
| 155 | 014_UA22767506_0155 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-1000 A switch      | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 6  | 6  |  |  |  |  |
| 156 | 014_UA22767506_0156 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | RPS-1600 A switch      | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O" | pcs | 6  | 6  |  |  |  |  |
| 157 | 014_UA22767506_0157 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches | PE 311500 1000A switch | The drive with the handle is mounted in the center; Used indoors; The switch is made on an insulating plate by fixed and movable contacts, the manual drive; All current-carrying parts of the circuit breaker are made of high quality M1 copper; Fixed contacts are made of standard busbars and are a T-shaped non-detachable structure; The movable contacts are made of two copper plates, which are fixed on an integral contact connection on the axis and the springs provide a constant contact pressure when rotating around the axis. The design of contact terminals provides connection of copper and aluminum conductors and cables, cable lugs or clamps and ties by means of threaded connections; The presence of a ground clamp; Tripolar design; Copper and aluminum ties with a cross section from 8x60 or 3x150 mm2 to 2 (6x60) or 6 (3x120) mm2 are connected to the switch. | Voltage 1000 V., frequency 50 Hz;   | pcs | 1  | 1  |  |  |  |  |

|     |                     |                  |            |  |                                |   |  |   |     |        |        |  |  |  |  |
|-----|---------------------|------------------|------------|--|--------------------------------|---|--|---|-----|--------|--------|--|--|--|--|
| 158 | 014_UA22767506_0158 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | Switch PE 311500 1600A                  | The drive with the handle is mounted in the center; Used indoors; The switch is made on an insulating plate by fixed and movable contacts, the manual drive; All current-carrying parts of the circuit breaker are made of high quality M1 copper; Fixed contacts are made of standard busbars and are a T-shaped non-detachable structure; The movable contacts are made of two copper plates, which are fixed on an integral contact connection on the axis and the springs provide a constant contact pressure when rotating around the axis. The design of contact terminals provides connection of copper and aluminum conductors and cables, cable lugs or clamps and tires by means of threaded connections; The presence of a ground clamp; Tripolar design; Copper and aluminum tires with a cross section from 8x60 or 3x150 mm2 to 2 (6x60) or 6 (3x120) mm2 are connected to the switch. | Voltage 1000 V., frequency 50 Hz;   | pcs | 1      | 1      |  |  |  |  |
| 159 | 014_UA22767506_0159 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Rod iron D-10 mm                        |  | diameter 10 mm  | t   | 2,8    | 2,8    |  |  |  |  |
| 160 | 014_UA22767506_0160 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Sheet steel 1.5 mm                      |  | thickness 1.5 mm  | t   | 0,4    | 0,4    |  |  |  |  |
| 161 | 014_UA22767506_0161 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Materials for equipment repair | Sheet steel 2.0 mm                      |  | thickness 2.0 mm  | t   | 0,5    | 0,5    |  |  |  |  |
| 162 | 014_UA22767506_0162 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Angle 63x63x5 mm                        |  | size 63x63x5 mm   | t   | 2,1    | 2,1    |  |  |  |  |
| 163 | 014_UA22767506_0163 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Angle 70x70x5 mm                        |  | size 70x70x5 mm   | t   | 0,13   | 0,13   |  |  |  |  |
| 164 | 014_UA22767506_0164 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Steel round D-16                        |  | diameter 16 mm  | t   | 2,1    | 2,1    |  |  |  |  |
| 165 | 014_UA22767506_0165 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Steel round D-22                        |  | diameter 22 mm  | t   | 0,1    | 0,1    |  |  |  |  |
| 166 | 014_UA22767506_0166 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Strip 50x4 mm                           |  | size 50x4 mm  | t   | 0,14   | 0,14   |  |  |  |  |
| 167 | 014_UA22767506_0167 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers             | Power transformer 10 / 0.4 kV; 630 kVA  | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 630 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C  | pcs | 1      | 1      |  |  |  |  |
| 168 | 014_UA22767506_0168 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers             | Power transformer 10 / 0.4 kV; 1000 kVA | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 1000 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 1      | 1      |  |  |  |  |
| 169 | 014_UA22767506_0169 | Energy resources | liquid     | Fuels and lubricants                         | petrol                         | A92 petrol                              | Fuel   | A92 petrol  | l   | 180000 | 180000 |  |  |  |  |

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|-----|---------------------|------------------|------------|--|---------------------------|---------------------------|---------------------------|--|-------|--------|--------|--|--|--|
| 170 | 014_UA22767506_0170 | Energy resources | liquid     | Fuels and lubricants                         | petrol                    | A95 petrol                | Fuel                      | A95 petrol   | l     | 40000  | 40000  |  |  |  |
| 171 | 014_UA22767506_0171 | Energy resources | liquid     | Fuels and lubricants                         | Diesel fuel               | Diesel fuel               | -                         | -  | l     | 160000 | 160000 |  |  |  |
| 172 | 014_UA22767506_0172 | Energy resources | liquid     | Fuels and lubricants                         | Liquefied gas             | Propane gas               | Fuel                      | Propane gas  | l     | 100000 | 100000 |  |  |  |
| 173 | 014_UA22767506_0173 | Energy resources | liquid     | Fuels and lubricants                         | Liquefied gas             | Methane gas               | Fuel                      | Methane gas  | куб.м | 100000 | 100000 |  |  |  |
| 174 | 014_UA22767506_0174 | Energy resources | liquid     | Fuels and lubricants                         | Petroleum automobile oils | Olive 15W40               | Car oil                   | Olive 15W40  | l     | 1000   | 1000   |  |  |  |
| 175 | 014_UA22767506_0175 | Energy resources | liquid     | Fuels and lubricants                         | Petroleum automobile oils | Olive 10W40               | Car oil                   | Olive 10W40  | l     | 3000   | 3000   |  |  |  |
| 176 | 014_UA22767506_0176 | Energy resources | liquid     | Fuels and lubricants                         | Diesel automobile oils    | Olive M10G2K              | Diesel automobile oil     | Olive M10G2K                                       | l     | 2000   | 2000   |  |  |  |
| 177 | 017_UA00130725_0001 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire          | Uninsulated wire          | Uninsulated wire          | A-35 / 6.2   | km    | 3,2    | 3,2    |  |  |  |
| 178 | 017_UA00130725_0002 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire          | Uninsulated wire          | Uninsulated wire          | AC-50 / 8.0  | km    | 3,5    | 3,5    |  |  |  |
| 179 | 017_UA00130725_0003 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire          | Uninsulated wire          | Uninsulated wire          | AC-95/16   | km    | 1      | 1      |  |  |  |
| 180 | 017_UA00130725_0004 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire            | Aerial bundled conductors | Aerial bundled conductors | ASXsn 4 * 25                                       | km    | 0,9    | 0,9    |  |  |  |
| 181 | 017_UA00130725_0005 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire            | Aerial bundled conductors | Aerial bundled conductors | ASXsn 4 * 35                                       | km    | 1      | 1      |  |  |  |
| 182 | 017_UA00130725_0006 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire            | Aerial bundled conductors | Aerial bundled conductors | ASXsn 4 * 50                                       | km    | 1      | 1      |  |  |  |
| 183 | 017_UA00130725_0007 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                  | Reinforced concrete poles | Reinforced concrete poles | SV-9.5-2.0   | pcs   | 33     | 33     |  |  |  |
| 184 | 017_UA00130725_0008 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                  | Reinforced concrete poles | Reinforced concrete poles | SV-10.5-3.6  | pcs   | 37     | 37     |  |  |  |
| 185 | 017_UA00130725_0009 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                | 0.4 kV insulators         | Insulators                | TF-20  | pcs   | 647    | 647    |  |  |  |
| 186 | 017_UA00130725_0010 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                | 10 kV insulators          | Insulators                | SHF-20   | pcs   | 114    | 114    |  |  |  |
| 187 | 017_UA00130725_0011 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings       | ABC fittings              | ABC fittings              | Tension clamp GUKp4 4x (16-35)                     | pcs   | 50     | 50     |  |  |  |
| 188 | 017_UA00130725_0012 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings       | ABC fittings              | ABC fittings              | Branching clamp TTD151 neo (16-95 / 6-35)          | pcs   | 50     | 50     |  |  |  |
| 189 | 017_UA00130725_0013 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings       | ABC fittings              | ABC fittings              | Piercing clamp TTDC28401FA                         | pcs   | 50     | 50     |  |  |  |
| 190 | 017_UA00130725_0014 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings       | ABC fittings              | ABC fittings              | Support clamp (suspended) PSP 122 TRA (2x16-4x120) | pcs   | 60     | 60     |  |  |  |
| 191 | 017_UA00130725_0015 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature           | The armature is linear    | The armature is linear    | TM-1 sleepers                                      | pcs   | 30     | 30     |  |  |  |
| 192 | 017_UA00130725_0016 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature           | The armature is linear    | The armature is linear    | TM-3 sleepers                                      | pcs   | 30     | 30     |  |  |  |
| 193 | 017_UA00130725_0017 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature           | The armature is linear    | The armature is linear    | Fastening of a brace in / in                       | pcs   | 30     | 30     |  |  |  |

|     |                     |           |            |  |                 |                        |                        |                       |     |     |     |  |  |  |
|-----|---------------------|-----------|------------|--|-----------------|------------------------|------------------------|-----------------------|-----|-----|-----|--|--|--|
| 194 | 017_UA00130725_0018 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Collar X12            | pcs | 30  | 30  |  |  |  |
| 195 | 017_UA00130725_0019 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | OG-1 head             | pcs | 30  | 30  |  |  |  |
| 196 | 017_UA00130725_0020 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp NB 2-6A         | set | 20  | 20  |  |  |  |
| 197 | 017_UA00130725_0021 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp NB 3-6A         | set | 20  | 20  |  |  |  |
| 198 | 017_UA00130725_0022 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp PA 2-2          | set | 20  | 20  |  |  |  |
| 199 | 017_UA00130725_0023 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp PA 3-2          | set | 20  | 20  |  |  |  |
| 200 | 017_UA00130725_0024 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp PA 4-1          | set | 20  | 20  |  |  |  |
| 201 | 017_UA00130725_0025 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Bracket SKD-12-1A     | set | 20  | 20  |  |  |  |
| 202 | 017_UA00130725_0026 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Bracket SK 7-1A       | set | 20  | 20  |  |  |  |
| 203 | 017_UA00130725_0027 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Promlanka PRT-7-1     | set | 20  | 20  |  |  |  |
| 204 | 017_UA00130725_0028 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | ВушкоУ1-7-16          | set | 20  | 20  |  |  |  |
| 205 | 017_UA00130725_0029 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | ВушкоУ2-7-16          | set | 20  | 20  |  |  |  |
| 206 | 017_UA00130725_0030 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Serga SR 12-16        | set | 20  | 20  |  |  |  |
| 207 | 017_UA00130725_0031 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | PGN 2-6 clamp (steel) | set | 20  | 20  |  |  |  |
| 208 | 017_UA00130725_0032 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | PGN 3-5 clamp (steel) | set | 20  | 20  |  |  |  |
| 209 | 017_UA00130725_0033 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | The armature is linear | The armature is linear | Clamp NKK-1-1B        | set | 20  | 20  |  |  |  |
| 210 | 017_UA00130725_0034 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable           | 0.38 kV power cables   | Power cable            | AVVG 4 * 50 mm2       | km  | 0,6 | 0,6 |  |  |  |
| 211 | 017_UA00130725_0035 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable           | 0.38 kV power cables   | Power cable            | AVVG 4 * 70 mm2       | km  | 0,6 | 0,6 |  |  |  |
| 212 | 017_UA00130725_0036 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable           | 10 kV power cables     | Power cable            | AABI-10 3 * 50 mm2    | km  | 0,6 | 0,6 |  |  |  |
| 213 | 017_UA00130725_0037 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable           | 10 kV power cables     | Power cable            | AABI-10 3 * 70 mm2    | km  | 0,6 | 0,6 |  |  |  |

|     |                     |           |            |  |                      |                                |                         |   |     |     |     |  |  |  |
|-----|---------------------|-----------|------------|--|----------------------|--------------------------------|-------------------------|---|-----|-----|-----|--|--|--|
| 214 | 017_UA00130725_0038 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable                | 10 kV power cables             | Power cable             | AABI-10 3 * 95 mm2  | km  | 0,6 | 0,6 |  |  |  |
| 215 | 017_UA00130725_0039 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable                | 10 kV power cables             | Power cable             | ASBI-10 3 * 120 mm2   | km  | 0,6 | 0,6 |  |  |  |
| 216 | 017_UA00130725_0040 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable                | 10 kV power cables             | Power cable             | ASBI-10 3 * 150 mm2   | km  | 0,3 | 0,3 |  |  |  |
| 217 | 017_UA00130725_0041 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings      | Cable couplings                | Cable coupling          | KHrrm-3x (70-120)   | pcs | 8   | 8   |  |  |  |
| 218 | 017_UA00130725_0042 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings      | Cable couplings                | Cable coupling          | Stp-3x (70-120)   | pcs | 8   | 8   |  |  |  |
| 219 | 017_UA00130725_0043 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings      | Cable couplings                | Cable coupling          | Coupling low-voltage final T4TH I 50-150                      | pcs | 10  | 10  |  |  |  |
| 220 | 017_UA00130725_0044 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings      | Cable couplings                | Cable coupling          | Coupling low-voltage connecting PSTpB-1 (70-120) with sleeves | pcs | 8   | 8   |  |  |  |
| 221 | 017_UA00130725_0045 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Overvoltage limiters | OPN (arresters)                | OPN (arresters)         | OPN-P-0.22 / 0.26 / 5/400-III-UHL1                            | pcs | 20  | 20  |  |  |  |
| 222 | 017_UA00130725_0046 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Overvoltage limiters | OPN (arresters)                | OPN (arresters)         | OPN-P-0.4 / 0.45 / 5/300-UHL1                                 | pcs | 25  | 25  |  |  |  |
| 223 | 017_UA00130725_0047 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Overvoltage limiters | OPN (arresters)                | OPN (arresters)         | RVO-10  | pcs | 40  | 40  |  |  |  |
| 224 | 017_UA00130725_0048 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers     | 0.4 kV automatic switches      | The switch is automatic | VA 77-1-125, 63 A, 3p, 400V (3-5In)                           | pcs | 10  | 10  |  |  |  |
| 225 | 017_UA00130725_0049 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers     | 0.4 kV automatic switches      | The switch is automatic | VA 77-1-250, 100 A, 3p, 400V (3-5In)                          | pcs | 10  | 10  |  |  |  |
| 226 | 017_UA00130725_0050 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers     | 0.4 kV automatic switches      | The switch is automatic | VA 77-1-250, 160 A, 3p, 400V (3-5In)                          | pcs | 10  | 10  |  |  |  |
| 227 | 017_UA00130725_0051 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers     | 0.4 kV automatic switches      | The switch is automatic | VA 77-1-250 250 A, 3p, 380V (3-5In)                           | pcs | 8   | 8   |  |  |  |
| 228 | 017_UA00130725_0052 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches             | 0.4 kV circuit breakers        | Cut-out                 | RPS-2Pz-250A  | pcs | 20  | 20  |  |  |  |
| 229 | 017_UA00130725_0053 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches             | 0.4 kV circuit breakers        | Cut-out                 | RPS-4Pz-400A  | pcs | 15  | 15  |  |  |  |
| 230 | 017_UA00130725_0054 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                | 0.4 kV fuses                   | Fuse                    | PN-2 100 A  | pcs | 100 | 100 |  |  |  |
| 231 | 017_UA00130725_0055 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                | 0.4 kV fuses                   | Fuse                    | PN-2 250A   | pcs | 50  | 50  |  |  |  |
| 232 | 017_UA00130725_0056 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                | 0.4 kV fuses                   | Fuse                    | PN-2 400 A  | pcs | 50  | 50  |  |  |  |
| 233 | 017_UA00130725_0057 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers   | Power transformers 10 / 0.4 kV | Power transformer       | TM (G) 400/10 (6) /0.4 D / Un-11 (U / Un-0)                   | pcs | 2   | 2   |  |  |  |
| 234 | 017_UA00130725_0058 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers   | Power transformers 10 / 0.4 kV | Power transformer       | TM (G) 250/10 (6) /0.4 D / Un-11 (U / Un-0)                   | pcs | 2   | 2   |  |  |  |
| 235 | 017_UA00130725_0059 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers   | Power transformers 10 / 0.4 kV | Power transformer       | TM (G) 100/10 (6) /0.4 D / Un-11 (U / Un-0)                   | pcs | 4   | 4   |  |  |  |
| 236 | 017_UA00130725_0060 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors        | 10 kV disconnectors            | Disconnecter            | RLND-10/400 with drive and pipe (6 m)                         | pcs | 6   | 6   |  |  |  |



|     |                     |                  |            |  |                         |  |  |   |     |     |     |  |  |  |
|-----|---------------------|------------------|------------|--|-------------------------|--|--|---|-----|-----|-----|--|--|--|
| 237 | 017_UA00130725_0061 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors           | 10 kV disconnectors                    | Disconnecter                                   | RLND-10/630 with drive and pipe (6 m)   | pcs | 8   | 8   |  |  |  |
| 238 | 017_UA00130725_0062 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Disconnectors           | 10 kV fuses                            | Fuse   | PC-10 5 A   | pcs | 5   | 5   |  |  |  |
| 239 | 017_UA00130725_0063 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                   | 10 kV fuses                            | Fuse   | PN-10 10 A  | pcs | 5   | 5   |  |  |  |
| 240 | 017_UA00130725_0064 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                   | 10 kV fuses                            | Fuse   | PN-10 16 A  | pcs | 5   | 5   |  |  |  |
| 241 | 017_UA00130725_0065 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Insulators              | Bus and support insulators             | Bus and support insulators                     | OMA-10 U3   | pcs | 7   | 7   |  |  |  |
| 242 | 017_UA00130725_0066 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                | Vacuum switches 10 kV                  | Switch, plug contacts, adaptation kit          | BB / VL-10/1000 Operating current: direct / alternating   | pcs | 7   | 7   |  |  |  |
| 243 | 017_UA00130725_0067 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | 10 kV current transformers             | Current transformers                           | TPL-10  | pcs | 23  | 23  |  |  |  |
| 244 | 017_UA00130725_0068 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | 10 kV voltage transformers             | Voltage transformer                            | US-10   | pcs | 5   | 5   |  |  |  |
| 245 | 017_UA00130725_0069 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Insulators              | Insulators through passage 10 kV       | Insulator checkpoint                           | IPU-10/630  | pcs | 5   | 5   |  |  |  |
| 246 | 017_UA00130725_0070 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | 35 kV voltage transformers             | Voltage transformer                            | ZNOM-35   | pcs | 3   | 3   |  |  |  |
| 247 | 017_UA00130725_0071 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | 110 kV voltage transformers            | Voltage transformer                            | NKF-110   | pcs | 3   | 3   |  |  |  |
| 248 | 017_UA00130725_0072 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Insulators              | Insulators basic 110 kV                | The insulator is basic                         | IOS-110-400-IM  | pcs | 5   | 5   |  |  |  |
| 249 | 017_UA00130725_0073 | Energy resources | liquid     | Supplies                                     | Transformer oil         | Transformer oil                        | Transformer oil                                | T-1500  | t   | 6,8 | 6,8 |  |  |  |
| 250 | 017_UA00130725_0074 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Power transformers TMN-6300/35         | Power transformer, power bushings, accessories | Vector group Y / D-11; Rated capacity - 6.3 MVA; Un = 38.5 ± 2 * 2.5% / 11 kV   | pcs | 1   | 1   |  |  |  |
| 251 | 017_UA00130725_0075 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Power transformer TDTN-40000/110/10/10 | Power transformer, power bushings, accessories | Vector group Yn / Д / Д 11-11; Rated capacity - 40.0 MVA; Un = 115 ± 2 * 2.5% / 11 kV   | pcs | 1   | 1   |  |  |  |
| 252 | 017_UA00130725_0076 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Power transformer TDTN-16000/110/35/10 | Power transformer, power bushings, accessories | Vector group Yn / Y / D 0-11; Rated capacity - 16.0 MVA; Un = 115 ± * 2.5% / 38.5 ± 2.5% / 11 kV  | pcs | 1   | 1   |  |  |  |
| 253 | 017_UA00130725_0077 | Equipment        | Electrical | Civil protection equipment                   | Backup power plants     | Diesel generator KS 14-1DE ATSR        | Diesel generator KS 14-1DE ATSR                | Voltage 230 V, Power max. 11.0 kW, Rated power 10.5 kW, Engine power 21 hp, Fuel tank capacity 30 l, Oil sump volume 2.8 l, Frequency 50 Hz | pcs | 10  | 10  |  |  |  |

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|-----|---------------------|------------------|------------|--|---------------------------|--|--|--|-----|-------|-------|--|--|--|
| 254 | 017_UA00130725_0078 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Prefabricated cells       | KRPZ-10 kV   | Cells with vacuum switches, cost transformer, voltage transformer and secondary switching  | Cells kV-1 with equipment in the room type "sandwich" -8 pcs   | pcs | 1     | 1     |  |  |  |
| 255 | 017_UA00130725_0079 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Switches                  | SF6 switches 110 kV  | Supporting insulators with extinguishing chambers of the switch poles are located on a single frame. They are connected by a pipeline to the gas chamber of the switch. The switch is controlled by a spring-loaded actuator located in the actuator unit mounted on the supporting frame. | SF6 switch 110 kV. Rated voltage 145 kV Rated frequency 50 Hz Rated current 2000 A Rated current tripping at short circuit 31.5 kA | pcs | 2     | 2     |  |  |  |
| 256 | 017_UA00130725_0080 | Energy resources | liquid     | Fuels and lubricants                   | petrol                    | A92 petrol   | Fuel   | A92 petrol   | l   | 53000 | 53000 |  |  |  |
| 257 | 017_UA00130725_0081 | Energy resources | liquid     | Fuels and lubricants                   | petrol                    | A95 petrol   | Fuel   | A95 petrol   | l   | 9000  | 9000  |  |  |  |
| 258 | 017_UA00130725_0082 | Energy resources | liquid     | Fuels and lubricants                   | Diesel fuel               | Diesel fuel  | -  | -  | l   | 48000 | 48000 |  |  |  |
| 259 | 017_UA00130725_0083 | Energy resources | liquid     | Fuels and lubricants                   | Liquefied gas             | Propane gas  | Fuel   | Propane gas  | l   | 35000 | 35000 |  |  |  |
| 260 | 017_UA00130725_0084 | Energy resources | liquid     | Fuels and lubricants                   | Petroleum automobile oils | Olive 15W40  | Car oil  | Olive 15W40  | l   | 180   | 180   |  |  |  |
| 261 | 017_UA00130725_0085 | Energy resources | liquid     | Fuels and lubricants                   | Petroleum automobile oils | Olive 10W40  | Car oil  | Olive 10W40  | l   | 600   | 600   |  |  |  |
| 262 | 017_UA00130725_0086 | Energy resources | liquid     | Fuels and lubricants                   | Diesel automobile oils    | Olive M10G2K   | Diesel automobile oil  | Olive M10G2K   | l   | 470   | 470   |  |  |  |
| 263 | 008_UA23399393_0001 | Equipment        | Mechanical | Machinery                              | Transport vehicles        | Brigade van (IVECO Daily55S18 4x4) or equivalent             | IVECO Daily55S18 chassis and Brigade van.  | Double cabin (6 + 1 seats), workshop van, 4x4 all-wheel drive chassis  | pcs | 26    | 26    |  |  |  |
| 264 | 008_UA23399393_0002 | Equipment        | Mechanical | Machinery                              | Transport vehicles        | The car dump truck to 10 t.                                  | 0  | 0  | pcs | 3     | 27    |  |  |  |
| 265 | 008_UA23399393_0003 | Equipment        | Mechanical | Machinery                              | Transport vehicles        | Car tractor up to 25 tons.                                   | 0  | 0  | pcs | 3     | 28    |  |  |  |
| 266 | 008_UA23399393_0004 | Equipment        | Mechanical | Machinery                              | Transport vehicles        | KRAZ -250 car  | 0  | 0  | pcs | 2     | 29    |  |  |  |
| 267 | 008_UA23399393_0005 | Equipment        | Mechanical | Machinery                              | Mechanisms                | Autotower type AP-18   | 0  | 0  | pcs | 12    | 30    |  |  |  |
| 268 | 008_UA23399393_0006 | Equipment        | Mechanical | Machinery                              | Transport vehicles        | VS-32 aerial platform  | 0  | 0  | pcs | 6     | 31    |  |  |  |
| 269 | 008_UA23399393_0007 | Equipment        | Mechanical | Machinery                              | Mechanisms                | JCB excavator  | 0  | 0  | pcs | 2     | 32    |  |  |  |
| 270 | 008_UA23399393_0008 | Equipment        | Electrical | Civil protection equipment             | Backup power plants       | Electric generator diesel 100 kW on the chassis of the truck | 0  | 0  | pcs | 10    | 33    |  |  |  |

|     |                     |           |            |  |                          |   |   |                                 |     |    |    |  |  |  |  |
|-----|---------------------|-----------|------------|--|--------------------------|---|---|---------------------------------|-----|----|----|--|--|--|--|
| 271 | 008_UA23399393_0009 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers       | Power transformer 35/10 kV with a capacity of 10 MVA with on-load tap-changer.  | 0 | 0                               | pcs | 2  | 34 |  |  |  |  |
| 272 | 008_UA23399393_0010 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers       | Power transformer 35/10 kV with a capacity of 2.5 MVA with on-load tap-changer. | 0 | 0                               | pcs | 3  | 35 |  |  |  |  |
| 273 | 008_UA23399393_0011 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Switches                 | 35 kV vacuum switch   | 0 | 0                               | pcs | 12 | 36 |  |  |  |  |
| 274 | 008_UA23399393_0012 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Relay protection devices | Reprocess microprocessor terminals  | 0 | PC83-AB2                        | pcs | 20 | 37 |  |  |  |  |
| 275 | 008_UA23399393_0013 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Relay protection devices | Reprocess microprocessor terminals  | 0 | PC80-MR                         | pcs | 40 | 38 |  |  |  |  |
| 276 | 008_UA23399393_0014 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Relay protection devices | Reprocess microprocessor terminals  | 0 | PC83-DT2                        | pcs | 8  | 39 |  |  |  |  |
| 277 | 008_UA23399393_0015 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Relay protection devices | Reprocess microprocessor terminals  | 0 | PC83-BC                         | pcs | 6  | 40 |  |  |  |  |
| 278 | 008_UA23399393_0016 | Equipment | Electrical | Civil protection equipment             | Backup power plants      | Diesel generator stationary 100 kW  | 0 | WattStream WS140-RS             | pcs | 2  | 41 |  |  |  |  |
| 279 | 008_UA23399393_0017 | Equipment | Electrical | Civil protection equipment             | Backup power plants      | The generator is petrol 5 kW  | 0 | Generator petrol Honda EG5500CL | pcs | 8  | 42 |  |  |  |  |

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|-----|---------------------|-----------|------------|--|----------------------------------|--|---|--|-----|-----|----|--|--|--|--|
| 280 | 008_UA23399393_0018 | Equipment | Electrical | Devices and tools                            | Welding machines                 | Portable inverter welding machine              | 0   | Welding machine VDI-200E DC MMA (UA) case // PATON   | pcs | 8   | 43 |  |  |  |  |
| 281 | 008_UA23399393_0019 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | 10 kV vacuum switch                            | 0   | 0  | pcs | 40  | 44 |  |  |  |  |
| 282 | 008_UA23399393_0020 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Insulators polymeric LKTS-35/70                | 0   | 0  | pcs | 190 | 45 |  |  |  |  |
| 283 | 008_UA23399393_0021 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                       | PS-70 insulators                               | 0   | 0  | pcs | 600 | 46 |  |  |  |  |
| 284 | 008_UA23399393_0022 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                         | Racks of support reinforced concrete SK-22.2   | 0   | 0  | pcs | 40  | 47 |  |  |  |  |
| 285 | 008_UA23399393_0023 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP checkpoints with a cable input of 400 kVA  | Power transformer, HV cabinet, HV cabinet                             | Transformer TMG-400, 10 / 0.4 kV, Y / D-11. BB cells with VN10-630 - 3pcs, LV connection with AB 250 - 3pcs, AB-160 - 3pcs | pcs | 10  | 48 |  |  |  |  |
| 286 | 008_UA23399393_0024 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP deadlock, air input, 400kVA                | Power transformer, RLNDZ -10/400 disconnecter, HV cabinet, LV cabinet | Transformer TMG-400, 10 / 0.4 kV, Y / D-11. Connecting LV with AB 250 - 3 pcs, AB-160 - 3pcs                               | pcs | 8   | 49 |  |  |  |  |
| 287 | 008_UA23399393_0025 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP deadlock, air input 250kVA                 | Power transformer, RLNDZ -10/400 disconnecter, HV cabinet, LV cabinet | Transformer TMG-250, 10 / 0.4 kV, Y / D-11. Connection of NN with AB-250 - 1 pcs, AB 160 - 2 pieces, AB-100 - 3 pcs        | pcs | 10  | 50 |  |  |  |  |
| 288 | 008_UA23399393_0026 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP deadlock, air input 160kVA                 | Power transformer, RLNDZ -10/400 disconnecter, HV cabinet, LV cabinet | Transformer TMG-160, 10 / 0.4 kV, Y / D-11. Connection of NN with AB-250 - 1 pcs, AB 160 - 2 pieces, AB-100 - 3 pcs        | pcs | 20  | 51 |  |  |  |  |
| 289 | 008_UA23399393_0027 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP deadlock, air input 100kVA                 | Power transformer, RLNDZ -10/400 disconnecter, HV cabinet, LV cabinet | Transformer TMG-100, 10 / 0.4 kV, Y / D-11. Connecting LV with AB 160 - 2pcs, AB-100 - 2pcs                                | pcs | 20  | 52 |  |  |  |  |
| 290 | 008_UA23399393_0028 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                         | Racks of support reinforced concrete SV-10,5-5 | 0   | 0  | pcs | 200 | 53 |  |  |  |  |
| 291 | 008_UA23399393_0029 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                         | Support struts reinforced concrete SV-9,5-2    | 0   | 0  | pcs | 300 | 54 |  |  |  |  |

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|-----|---------------------|-----------|------------|---|-------------------------|--|---|---|-----|-----|----|--|--|--|
| 292 | 008_UA23399393_0030 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Circuit breakers        | Automatic switches, 0,4kV, 100A  | 0 | 0 | pcs | 50  | 55 |  |  |  |
| 293 | 008_UA23399393_0031 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Circuit breakers        | Automatic switches, 0,4kV, 160A  | 0 | 0 | pcs | 50  | 56 |  |  |  |
| 294 | 008_UA23399393_0032 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Circuit breakers        | Automatic switches, 0,4kV, 250A  | 0 | 0 | pcs | 50  | 57 |  |  |  |
| 295 | 008_UA23399393_0033 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Insulators              | Insulator checkpoint IPU-10kV  | 0 | 0 | pcs | 120 | 58 |  |  |  |
| 296 | 008_UA23399393_0034 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable                   | ASBI 3x120 cable   | 0 | 0 | km. | 8   | 59 |  |  |  |
| 297 | 008_UA23399393_0035 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings         | Cable couplings, connecting voltage of 10 kV<br>3x70-120 mm. kV.       | 0 | 0 | pcs | 400 | 60 |  |  |  |
| 298 | 008_UA23399393_0036 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings         | Cable couplings, connecting voltage of 10 kV<br>3x150-240 mm. kV., pcs | 0 | 0 | pcs | 120 | 61 |  |  |  |
| 299 | 008_UA23399393_0037 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers      | Power transformer TMG10 / 0,4, 100kVA                                  | 0 | 0 | pcs | 20  | 62 |  |  |  |
| 300 | 008_UA23399393_0038 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers      | Power transformer TMG10 / 0,4, 160kVA                                  | 0 | 0 | pcs | 20  | 63 |  |  |  |
| 301 | 008_UA23399393_0039 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers      | Power transformer TMG10 / 0,4, 250kVA                                  | 0 | 0 | pcs | 10  | 64 |  |  |  |
| 302 | 008_UA23399393_0040 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers      | Power transformer TMG10 / 0,4, 400kVA                                  | 0 | 0 | pcs | 5   | 65 |  |  |  |
| 303 | 008_UA23399393_0041 | Equipment | Electrical | Equipment for 110/35/10 kV substations      | Instrument transformers | VOLTAGE TRANSFORMER US-6   | 0 | 0 | pcs | 12  | 66 |  |  |  |
| 304 | 008_UA23399393_0042 | Equipment | Electrical | Equipment for 110/35/10 kV substations      | Instrument transformers | NAP-10 VOLTAGE TRANSFORMER   | 0 | 0 | pcs | 50  | 67 |  |  |  |
| 305 | 008_UA23399393_0043 | Equipment | Electrical | Equipment for 110/35/10 kV substations      | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-<br>G2-0,5S // 10P-400/5               | 0 | 0 | pcs | 10  | 68 |  |  |  |

|     |                     |           |            |  |                         |   |   |   |     |    |    |  |  |  |  |
|-----|---------------------|-----------|------------|--|-------------------------|---|---|---|-----|----|----|--|--|--|--|
| 306 | 008_UA23399393_0044 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-150/5  | 0 | 0 | pcs | 20 | 69 |  |  |  |  |
| 307 | 008_UA23399393_0045 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-600/5  | 0 | 0 | pcs | 12 | 70 |  |  |  |  |
| 308 | 008_UA23399393_0046 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-G1-0.5S // 10P-50/5  | 0 | 0 | pcs | 30 | 71 |  |  |  |  |
| 309 | 008_UA23399393_0047 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-100/5  | 0 | 0 | pcs | 30 | 72 |  |  |  |  |
| 310 | 008_UA23399393_0048 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-G1-0.5S // 10P-100/5 | 0 | 0 | pcs | 30 | 73 |  |  |  |  |
| 311 | 008_UA23399393_0049 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-2G-0.5S // 10P-150/5 | 0 | 0 | pcs | 30 | 74 |  |  |  |  |
| 312 | 008_UA23399393_0050 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-2G-0.5S // 10P-200/5 | 0 | 0 | pcs | 12 | 75 |  |  |  |  |
| 313 | 008_UA23399393_0051 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-200/5, | 0 | 0 | pcs | 12 | 76 |  |  |  |  |

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|-----|---------------------|-----------|------------|--|-------------------------|---|---|---|-----|----|----|--|--|--|--|
| 314 | 008_UA23399393_0052 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-2G-0,5S // 10P-300/5 | 0 | 0 | pcs | 12 | 77 |  |  |  |  |
| 315 | 008_UA23399393_0053 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TOLU CURRENT TRANSFORMER-10-2.2-G2-0,5S // 10P-300/5  | 0 | 0 | pcs | 6  | 78 |  |  |  |  |
| 316 | 008_UA23399393_0054 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-2G-0,5S // 10P-400/5 | 0 | 0 | pcs | 6  | 79 |  |  |  |  |
| 317 | 008_UA23399393_0055 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPOLU CURRENT TRANSFORMER-10-2.2-2G-0,5S // 10P-600/5 | 0 | 0 | pcs | 6  | 80 |  |  |  |  |
| 318 | 008_UA23399393_0056 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-10 75/5 (0,5S)                | 0 | 0 | pcs | 12 | 81 |  |  |  |  |
| 319 | 008_UA23399393_0057 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPLU-10-1.2-2V-0,5S // 10P-400/5  | 0 | 0 | pcs | 12 | 82 |  |  |  |  |
| 320 | 008_UA23399393_0058 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPLU-10-1.2-1V-0,5S // 10P-30/5   | 0 | 0 | pcs | 12 | 83 |  |  |  |  |
| 321 | 008_UA23399393_0059 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPLU-10-1.2-1V-0,5S // 10P-50/5   | 0 | 0 | pcs | 42 | 84 |  |  |  |  |

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|-----|---------------------|-----------|------------|--|-------------------------|---|---|---|-----|----|----|--|--|--|--|
| 322 | 008_UA23399393_0060 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPLU-10-1.2-1V-0.5S / 10P-75/5<br>CURRENT TRANSFORMER         | 0 | 0 | pcs | 12 | 85 |  |  |  |  |
| 323 | 008_UA23399393_0061 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPLU-10-1.2-1V-0.5S / 10P-100/5<br>CURRENT TRANSFORMER        | 0 | 0 | pcs | 48 | 86 |  |  |  |  |
| 324 | 008_UA23399393_0062 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPLU-10-1.2-<br>2V-0.5S // 10P-150/5      | 0 | 0 | pcs | 12 | 87 |  |  |  |  |
| 325 | 008_UA23399393_0063 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPLU-10-1.2-2V-0.5S / 10P-200/5<br>CURRENT TRANSFORMER        | 0 | 0 | pcs | 12 | 88 |  |  |  |  |
| 326 | 008_UA23399393_0064 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | TPLU-10-1.2-2V-0.5S / 10P-300/5<br>CURRENT TRANSFORMER        | 0 | 0 | pcs | 12 | 89 |  |  |  |  |
| 327 | 008_UA23399393_0065 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-E-12-02-<br>0.5S / 10P 75/5 U2        | 0 | 0 | pcs | 24 | 90 |  |  |  |  |
| 328 | 008_UA23399393_0066 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-E-12-03-<br>0.2S / 10R / 10P 100/5 U2 | 0 | 0 | pcs | 24 | 91 |  |  |  |  |
| 329 | 008_UA23399393_0067 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-E-12-03-<br>0.2S / 10R / 10P 150/5 U2 | 0 | 0 | pcs | 24 | 92 |  |  |  |  |



|     |                     |           |            |  |                         |   |   |   |     |     |     |  |  |  |
|-----|---------------------|-----------|------------|--|-------------------------|---|---|---|-----|-----|-----|--|--|--|
| 330 | 008_UA23399393_0068 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-E-12-03-0.2S / 10R / 10P-200/5 U2 | 0 | 0 | pcs | 12  | 93  |  |  |  |
| 331 | 008_UA23399393_0069 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER TPL-E-12-03-0.2S / 10R / 10P 300/5 U2 | 0 | 0 | pcs | 12  | 94  |  |  |  |
| 332 | 008_UA23399393_0070 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | PKT FUSE 011-10-16-31,5 U1                                | 0 | 0 | pcs | 120 | 95  |  |  |  |
| 333 | 008_UA23399393_0071 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | PKT FUSE 011-6-20-40 U1 BRASS (SET)                       | 0 | 0 | pcs | 120 | 96  |  |  |  |
| 334 | 008_UA23399393_0072 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | Fuse PKT 012-6-80-20 U1 BRASS (KIT)                       | 0 | 0 | pcs | 240 | 97  |  |  |  |
| 335 | 008_UA23399393_0073 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | FUSE PKT 013-6-100-31,5 U1 BRASS (KIT)                    | 0 | 0 | pcs | 120 | 98  |  |  |  |
| 336 | 008_UA23399393_0074 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | Fuse PKT 013-10-100-31,5 U1 BRASS (KIT)                   | 0 | 0 | pcs | 120 | 99  |  |  |  |
| 337 | 008_UA23399393_0075 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Fuses                   | FUSE PKT 012-10-40-31,5 U1 BRASS (SET)                    | 0 | 0 | pcs | 120 | 100 |  |  |  |
| 338 | 008_UA23399393_0076 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH OF VR-32 / 100A,                                   | 0 | 0 | pcs | 120 | 101 |  |  |  |
| 339 | 008_UA23399393_0077 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH OF VR-32 / 250A                                    | 0 | 0 | pcs | 200 | 102 |  |  |  |
| 340 | 008_UA23399393_0078 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH OF VR-32 / 400A                                    | 0 | 0 | pcs | 100 | 103 |  |  |  |
| 341 | 008_UA23399393_0079 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH OF VR-32 / 630A                                    | 0 | 0 | pcs | 100 | 104 |  |  |  |
| 342 | 008_UA23399393_0080 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH RE19-39  | 0 | 0 | pcs | 120 | 105 |  |  |  |
| 343 | 008_UA23399393_0081 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH RE19-41  | 0 | 0 | pcs | 120 | 106 |  |  |  |
| 344 | 008_UA23399393_0082 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH RE 19-43   | 0 | 0 | pcs | 120 | 107 |  |  |  |
| 345 | 008_UA23399393_0083 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH RE 19-44   | 0 | 0 | pcs | 120 | 108 |  |  |  |
| 346 | 008_UA23399393_0084 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Switches                | SWITCH RE 19-45   | 0 | 0 | pcs | 120 | 109 |  |  |  |

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|-----|---------------------|-----------|------------|--|----------------------|---|---|---|-----|------|-----|--|--|--|--|
| 347 | 008_UA23399393_0085 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | 35 kV OVERVOLTAGE LIMITER OPN VR / TEL-35 / 40,5 UHL-1  | 0 | 0   | pcs | 120  | 110 |  |  |  |  |
| 348 | 008_UA23399393_0086 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | OVERVOLTAGE LIMITER OPNP-10 / 11,5 / 10/2 / 1V / UHL 1  | 0 | 0   | pcs | 180  | 111 |  |  |  |  |
| 349 | 008_UA23399393_0087 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | OVERVOLTAGE LIMITER OPNP-6 UHL1                         | 0 | 0   | pcs | 300  | 112 |  |  |  |  |
| 350 | 008_UA23399393_0088 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | OVERVOLTAGE LIMITER OPN-RT-TEL-10 / 11,5 UHL2           | 0 | 0   | pcs | 300  | 113 |  |  |  |  |
| 351 | 008_UA23399393_0089 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | OVERVOLTAGE LIMITER 6 kV OPN-P-6/8 10 / 550-04 UHL2     | 0 | 0   | pcs | 300  | 114 |  |  |  |  |
| 352 | 008_UA23399393_0090 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | OVERVOLTAGE LIMITER 10 kV OPN-P-10 / 12,7 / 10/600      | 0 | 0   | pcs | 300  | 115 |  |  |  |  |
| 353 | 008_UA23399393_0091 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters | 35 kV OVERVOLTAGE LIMITER OPN-P-35 / 40,5 / 10 / 550-03 | 0 | 0   | pcs | 150  | 116 |  |  |  |  |
| 354 | 008_UA23399393_0092 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps               | CLAMP TENSIONING ZN-1.1                                 | 0 | Clamping clamp ZN 1.1 is used for anchoring 2 self-supporting insulated wires of branching overhead lines to the walls of buildings and supports with hooks.            | pcs | 1000 | 117 |  |  |  |  |
| 355 | 008_UA23399393_0093 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps               | CLAMP TENSIONING ZN-1.2                                 | 0 | The tension clamp is used for anchoring of 2 self-supporting insulated wires of branching overhead lines to the walls of buildings and supports with hooks.             | pcs | 1000 | 118 |  |  |  |  |
| 356 | 008_UA23399393_0094 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps               | CLAMP TENSIONING ZN 1.5                                 | 0 | Universal tension clamps are used for anchoring 2 (4) self-holding insulated wires of branch and main overhead lines to the walls of buildings and supports with hooks. | pcs | 1000 | 119 |  |  |  |  |
| 357 | 008_UA23399393_0095 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps               | CLAMP TENSIONING ZN-2.1                                 | 0 | Clamp tension clamp 2.1 is used for anchoring 4 self-supporting insulated wires of branching overhead lines to the walls of buildings and supports with hooks.          | pcs | 1000 | 120 |  |  |  |  |

|     |                     |           |            |  |        |                                   |   |  |     |      |     |  |  |  |
|-----|---------------------|-----------|------------|--|--------|-----------------------------------|---|--|-----|------|-----|--|--|--|
| 358 | 008_UA23399393_0096 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP TENSIONING ZN-2.2           | 0 | The tension clamp is used for anchoring of 4 self-supporting insulated wires of branching overhead lines to the walls of buildings and supports with hooks.          | pcs | 1000 | 121 |  |  |  |
| 359 | 008_UA23399393_0097 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP TENSIONING ZN-2.4           | 0 | Clamp ZN 2.4 is used for anchoring of 4 self-supporting insulated wires of main overhead lines to the walls of buildings and supports with hooks                     | pcs | 800  | 122 |  |  |  |
| 360 | 008_UA23399393_0098 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP TENSIONING ZN-2.5           | 0 | This tension clamp is used for anchoring of 4 self-supporting insulated wires of branching and main overhead lines to the walls of buildings and supports with hooks | pcs | 800  | 123 |  |  |  |
| 361 | 008_UA23399393_0099 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP TENSIONING ZN-2.3           | 0 | The ZN 2.3 clamp is used for anchoring of 4 self-supporting insulated wires of main overhead lines to supports by means of hooks.                                    | pcs | 800  | 124 |  |  |  |
| 362 | 008_UA23399393_0100 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP TENSIONING ASSEMBLY ZNM 120 | 0 | It is used for fixing SIP  | pcs | 120  | 125 |  |  |  |
| 363 | 008_UA23399393_0101 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP ZV-1.1.2             | 0 | Branching clamp ZV 1.1.2 is used to make SIP connections with the re-grounding circuit of the neutral wire.  | pcs | 1000 | 126 |  |  |  |
| 364 | 008_UA23399393_0102 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP ZV-1.1.4             | 0 | Branch clamp SV 1.1.4 is used to secure the SIP from uninsulated wires and to perform the connected PEN cores of the SIP with the grounding device PEN-conductor.    | pcs | 1000 | 127 |  |  |  |
| 365 | 008_UA23399393_0103 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP ZV-1.2.0             | 0 | Clamping branch clamps 1.2.0 is used on SIP to connect branches from PLI and to make electrical connections between insulated wires                                  | pcs | 1000 | 128 |  |  |  |
| 366 | 008_UA23399393_0104 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP ZV-1.2.2             | 0 | Branch clamp SV 1.2.2 is used on self-supporting insulated wires to connect branches from PLI.   | pcs | 1000 | 129 |  |  |  |
| 367 | 008_UA23399393_0105 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP ZV-1.2.4             | 0 | Clamp SV 1.2.4 is used to connect SIP on anchor supports to connect branches from PLI. Mounting with a clamp holder.   | pcs | 1000 | 130 |  |  |  |
| 368 | 008_UA23399393_0106 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | BRANCH CLAMP PUNCTURE Z-2061      | 0 | Branching clamp Z 2061 is used for connection of SIP on anchor supports and connection of branches from PLI.   | pcs | 1000 | 131 |  |  |  |
| 369 | 008_UA23399393_0107 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMPING BRANCH PUNCHING Z-206    | 0 | Branch clamp Z206 is used to connect branches from uninsulated power lines and to make SIP connections with re-grounding circuit                                     | pcs | 1000 | 132 |  |  |  |
| 370 | 008_UA23399393_0108 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP SUPPORTING ZP-3.1           | 0 | The design of a clamp provides easy removal and return installation of a pressure plate that is convenient during installation of wires                              | pcs | 1000 | 133 |  |  |  |
| 371 | 008_UA23399393_0109 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Clamps | CLAMP SUPPORTING ZP-3.2           | 0 | The design of a clip provides easy removal and return installation of a pressure cover that is convenient during installation of wire                                | pcs | 1000 | 134 |  |  |  |
| 372 | 008_UA23399393_0110 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 16            | 0 | 0  | pcs | 120  | 135 |  |  |  |
| 373 | 008_UA23399393_0111 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 25            | 0 | 0  | pcs | 120  | 136 |  |  |  |
| 374 | 008_UA23399393_0112 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 35            | 0 | 0  | pcs | 120  | 137 |  |  |  |
| 375 | 008_UA23399393_0113 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 50            | 0 | 0  | pcs | 120  | 138 |  |  |  |
| 376 | 008_UA23399393_0114 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 70            | 0 | 0  | pcs | 120  | 139 |  |  |  |
| 377 | 008_UA23399393_0115 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 95            | 0 | 0  | pcs | 120  | 140 |  |  |  |
| 378 | 008_UA23399393_0116 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | COPPER COPPER TIP F 120           | 0 | 0  | pcs | 120  | 141 |  |  |  |
| 379 | 008_UA23399393_0117 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | TIP CABLE ALUMINUM F 16,0         | 0 | 0  | pcs | 1000 | 142 |  |  |  |
| 380 | 008_UA23399393_0118 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | ALUMINUM CABLE TIP F 25           | 0 | 0  | pcs | 1000 | 143 |  |  |  |
| 381 | 008_UA23399393_0119 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips   | ALUMINUM CABLE TIP F 35           | 0 | 0  | pcs | 1000 | 144 |  |  |  |

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|-----|---------------------|-----------|------------|--|------------------|--------------------------|---|---|-----|------|-----|--|--|--|
| 382 | 008_UA23399393_0120 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 50  | 0 | 0 | pcs | 1000 | 145 |  |  |  |
| 383 | 008_UA23399393_0121 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 70  | 0 | 0 | pcs | 1000 | 146 |  |  |  |
| 384 | 008_UA23399393_0122 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 95  | 0 | 0 | pcs | 200  | 147 |  |  |  |
| 385 | 008_UA23399393_0123 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 120 | 0 | 0 | pcs | 200  | 148 |  |  |  |
| 386 | 008_UA23399393_0124 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 150 | 0 | 0 | pcs | 200  | 149 |  |  |  |
| 387 | 008_UA23399393_0125 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 185 | 0 | 0 | pcs | 100  | 150 |  |  |  |
| 388 | 008_UA23399393_0126 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Tips             | ALUMINUM CABLE TIP F 240 | 0 | 0 | pcs | 100  | 151 |  |  |  |
| 389 | 008_UA23399393_0127 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X16     | 0 | 0 | km. | 42   | 152 |  |  |  |
| 390 | 008_UA23399393_0128 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X25     | 0 | 0 | km. | 3    | 153 |  |  |  |
| 391 | 008_UA23399393_0129 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X35     | 0 | 0 | km. | 24   | 154 |  |  |  |
| 392 | 008_UA23399393_0130 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X50     | 0 | 0 | km. | 24   | 155 |  |  |  |
| 393 | 008_UA23399393_0131 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X70     | 0 | 0 | km. | 12   | 156 |  |  |  |
| 394 | 008_UA23399393_0132 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X95     | 0 | 0 | km. | 12   | 157 |  |  |  |
| 395 | 008_UA23399393_0133 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire   | WIRE SIP-5 (NG) 4X120    | 0 | 0 | km. | 6    | 158 |  |  |  |
| 396 | 008_UA23399393_0134 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire | WIRE AC-50 / 8.0         | 0 | 0 | t.  | 12   | 159 |  |  |  |
| 397 | 008_UA23399393_0135 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire | WIRE AC-70/11            | 0 | 0 | t.  | 24   | 160 |  |  |  |
| 398 | 008_UA23399393_0136 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire | WIRE AC-95/16            | 0 | 0 | t.  | 6    | 161 |  |  |  |
| 399 | 008_UA23399393_0137 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire | WIRE AC-120/19           | 0 | 0 | t.  | 5    | 162 |  |  |  |

|     |                     |           |            |  |                                |                          |                   |         |     |     |     |  |  |  |
|-----|---------------------|-----------|------------|--|--------------------------------|--------------------------|-------------------|---------|-----|-----|-----|--|--|--|
| 400 | 008_UA23399393_0138 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire               | WIRE AC-150/19           | 0                 | 0       | t.  | 24  | 163 |  |  |  |
| 401 | 008_UA23399393_0139 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire               | WIRE AC-185/29           | 0                 | 0       | t.  | 24  | 164 |  |  |  |
| 402 | 008_UA23399393_0140 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire               | WIRE AC-240/39           | 0                 | 0       | t.  | 12  | 165 |  |  |  |
| 403 | 008_UA23399393_0141 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire               | WIRE AC-300/39           | 0                 | 0       | t.  | 12  | 166 |  |  |  |
| 404 | 008_UA23399393_0142 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire               | WIRE AC-500/336          | 0                 | 0       | t.  | 24  | 167 |  |  |  |
| 405 | 008_UA23399393_0143 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | CHANNEL № 12             | 0                 | 0       | t.  | 12  | 168 |  |  |  |
| 406 | 008_UA23399393_0144 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | CHANNEL № 16             | 0                 | 0       | t.  | 12  | 169 |  |  |  |
| 407 | 008_UA23399393_0145 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | STEEL STRIP 40X4         | Strip steel       | 40x4    | t.  | 6   | 170 |  |  |  |
| 408 | 008_UA23399393_0146 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | Steel angle 63X63X5      | Steel angle       | 63X63X5 | t.  | 12  | 171 |  |  |  |
| 409 | 008_UA23399393_0147 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | REINFORCEMENT F 16.0 mm. | Reinforcing steel | 16      | t.  | 12  | 172 |  |  |  |
| 410 | 008_UA23399393_0148 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | ALUMINUM TIRE 5X50       | ALUMINUM TIRE     | 5x50    | kg. | 200 | 173 |  |  |  |

|     |                     |           |            |  |               |  |   |             |     |    |     |  |  |  |  |
|-----|---------------------|-----------|------------|--|---------------|--|---|-------------|-----|----|-----|--|--|--|--|
| 411 | 008_UA23399393_0149 | Equipment | Mechanical | Devices and tools                      | Chainsaws     | Chainsaw   | 0 | MS 180 C-BE | pcs | 30 | 174 |  |  |  |  |
| 412 | 008_UA23399393_0150 | Equipment | Mechanical | Devices and tools                      | Chainsaws     | Chainsaw   | 0 | MS 361      | pcs | 30 | 175 |  |  |  |  |
| 413 | 008_UA23399393_0151 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Disconnectors | DTS disconnecter 40,5.1000.S.II with RSM-1 drive | 0 | 0           | pcs | 20 | 176 |  |  |  |  |
| 414 | 008_UA23399393_0152 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Disconnectors | DTS disconnecter 40,5.1000.V.II with RSM-1 drive | 0 | 0           | pcs | 20 | 177 |  |  |  |  |
| 415 | 008_UA23399393_0153 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Disconnectors | DTS disconnecter 40,5.1000.All with RSM-1 drive  | 0 | 0           | pcs | 20 | 178 |  |  |  |  |

|     |                     |                    |            |   |                                 |   |  |  |      |      |     |  |  |  |
|-----|---------------------|--------------------|------------|---|---------------------------------|---|--|--|------|------|-----|--|--|--|
| 416 | 008_UA23399393_0154 | Equipment          | Electrical | Computer networks                                 | Telecommunications              | Starlink network access equipment       | kit  | StarLink satellite internet station  | kit  | 24   | 179 |  |  |  |
| 417 | 008_UA23399393_0155 | Equipment          | Electrical | Means of dispatching and technological management | Telecommunications              | Satellite walkie-talkie                 | kit  | Push-To-Talk (PTT) ICOM IC-SAT100 or similar   | kit  | 50   | 180 |  |  |  |
| 418 | 008_UA23399393_0156 | Energy resources   | liquid     | Fuels and lubricants                              | petrol                          | A92 petrol                              | Fuel   | A92 petrol   | t.   | 250  | 181 |  |  |  |
| 419 | 008_UA23399393_0157 | Energy resources   | liquid     | Fuels and lubricants                              | petrol                          | A95 petrol                              | Fuel   | A95 petrol   | t.   | 50   | 182 |  |  |  |
| 420 | 008_UA23399393_0158 | Energy resources   | liquid     | Fuels and lubricants                              | Diesel fuel                     | Diesel fuel                             | -  | -  | t.   | 200  | 183 |  |  |  |
| 421 | 008_UA23399393_0159 | Energy resources   | liquid     | Fuels and lubricants                              | Coolant                         | Coolant                                 | Coolant  | Antifreeze   | l.   | 2000 | 184 |  |  |  |
| 422 | 008_UA23399393_0160 | Energy resources   | liquid     | Fuels and lubricants                              | Petroleum automobile oils       | Car oil                                 | Car oil  | Engine oil 10W40 (for petrol engines)  | t.   | 1    | 185 |  |  |  |
| 423 | 008_UA23399393_0161 | Energy resources   | liquid     | Fuels and lubricants                              | Diesel automobile oils          | Car oil                                 | Car oil  | Engine oil 15W40 (for petrol engines)  | t.   | 2    | 186 |  |  |  |
| 424 | 008_UA23399393_0162 | Energy resources   | liquid     | Fuels and lubricants                              | Diesel automobile oils          | Olive M10G2K                            | Diesel automobile oil  | Olive M10G2K (for diesel engines)  | t.   | 5    | 187 |  |  |  |
| 425 | 008_UA23399393_0163 | Energy resources   | liquid     | Fuels and lubricants                              | Diesel automobile oils          | Car oil                                 | Car oil  | Motor oil 15W40 (for diesel engines)   | t.   | 1    | 188 |  |  |  |
| 426 | 008_UA23399393_0164 | Energy resources   | liquid     | Fuels and lubricants                              | Diesel automobile oils          | Car oil                                 | Car oil  | Motor oil 10W40 (for diesel engines)   | t.   | 1    | 189 |  |  |  |
| 427 | 008_UA23399393_0165 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment   | Gas masks                               | Gas mask included: full-face panoramic mask with a filter combined small size  | Gas mask included: full-face panoramic mask (with mask, headband, adjustable straps and intercom, which protects the respiratory system, skin and eyes from exposure to toxic substances contained in gases, vapors and aerosols (dust, smoke, fog) , with the possibility of operation of the mask by people who wear glasses) and a filter combined small size (without the use of corrugated tubes) 2nd protection class (A1V1E1K2SO15SXP3D).             | pcs  | 3500 | 190 |  |  |  |
| 428 | 008_UA23399393_0166 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment   | Rechargeable flashlights (pocket)       | Flashlight Bailong Police P512-HP50  | Battery power  | pcs  | 500  | 191 |  |  |  |
| 429 | 008_UA23399393_0167 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment   | Rechargeable lanterns (group)           | 550 Trio   | Light intensity - 550 lumens, beam range - 600 m, number of LEDs - 3 (white light) , Li-ion battery 3.7 V. Battery capacity - 4.5 A / h, continuous operation time from one full charge - 7 hours, three operating modes - at full power; at half power; in flash mode., housing protection level - IP 54 (waterproof). • Level of protection against falls from a height with an unlimited number of positions without damage - 1.5 m (rubberized housing). | pcs  | 500  | 192 |  |  |  |
| 430 | 008_UA23399393_0168 | Humanitarian needs | Food       | Civil protection equipment                        | Food                            | Dry cakes (daily set of dry products)   | The composition includes rice porridge with chicken, borsch with beef, stewed potatoes with vegetables and pork, barley porridge with beef, biscuits x3, rye flour crackers x1, instant coffee x1, black tea x2, sugar x3, pepper x1, salt x3, spoon, plastic x3, napkin x3, wet napkin x3 | Ukrainian daily dry food. Designed for food for 24 hours. Conveniently divided into three parts - breakfast, lunch and dinner  | pcs  | 9000 | 193 |  |  |  |
| 431 | 008_UA23399393_0169 | Humanitarian needs | Protection | Civil protection equipment                        | Collective protective equipment | Set of filter and ventilation equipment | FAH 800/300 and Hidden 50  | Filter ventilation unit with manual backup drive, has a capacity of 600 m3 / h in filtration mode.   | to-t | 4    | 194 |  |  |  |

|     |                     |                    |            |  |                               |  |  |   |     |      |     |  |  |  |  |
|-----|---------------------|--------------------|------------|--|-------------------------------|--|--|---|-----|------|-----|--|--|--|--|
| 432 | 008_UA23399393_0170 | Humanitarian needs | Protection | Civil protection equipment                   | Personal protection equipment | Medical first aid kit (tactical)   | 1. Turnstile Python-2 - 2 pcs 2. Bandage bandage - 1 pcs 3. Hemostatic bandage - 1 pcs 4. Hemostatic compression bandage - 1 pcs 5. Occlusive dressing 1 pcs 6. Adjustable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Thermal cover - 1 pcs 10. Nitrile gloves - 1 pair. 11. Marker for applying information - 1 pcs | First aid kit individual first level  | pcs | 1000 | 195 |  |  |  |  |
| 433 | 008_UA23399393_0171 | Humanitarian needs | Protection | Civil protection equipment                   | Personal protection equipment | Individual chemical packages   | It is recommended to use 4 packages to provide one person.   | Individual anti-chemical package IPP-11 is designed for the prevention of skin-resorptive lesions of liquid-liquid toxic and emergency-hazardous substances through exposed skin, as well as for degassing these substances on human skin and clothing and tools in temperatures from - 20 ° C to + 50 ° C. If applied to the skin prematurely, the protective effect lasts for 24 hours. | pcs | 3500 | 196 |  |  |  |  |
| 434 | 008_UA23399393_0172 | Humanitarian needs | Protection | Civil protection equipment                   | Personal protection equipment | Kevlar helmet  | Kevlar bulletproof helmet "Helmet-1M", Temp 3000   | Protection class not lower than 3   | pcs | 1000 | 197 |  |  |  |  |
| 435 | 008_UA23399393_0173 | Humanitarian needs | Protection | Civil protection equipment                   | Personal protection equipment | Body armor   | Disi Pancer body armor   | Protection class not lower than 3   | pcs | 1000 | 198 |  |  |  |  |
| 436 | 008_UA23399393_0174 | Humanitarian needs | Protection | Civil protection equipment                   | Defibrillators                | Defibrillators are portable  | defibrillator, bag-case, set of self-adhesive electrodes (adult, child), battery, charger, memory card   | operating mode - automatic or semi-automatic; voice prompts; power - 200 J (standard) 360 J (power); display; self-test function; built-in memory; protection against dust and moisture   | pcs | 5    | 199 |  |  |  |  |
| 437 | 008_UA23399393_0175 | Humanitarian needs | Protection | Civil protection equipment                   | First aid kits                | First-aid kit medical (industrial)   | The first-aid kit contains products for processing and bandaging of wounds, immobilization; antiseptics, painkillers, cardiac and aids, enterosorbent, first aid manual, as well as recommendations for the use of attachments. The first-aid kit (bag) is equipped with a shoulder strap for convenience of use in field conditions.  | First aid kit mobile - a set of medical devices and medicines, designed for the timely provision of first home self-help and mutual aid at the production and storage sites of enterprises and organizations.   | pcs | 500  | 200 |  |  |  |  |
| 438 | 008_UA23399393_0176 | Humanitarian needs | Protection | Civil protection equipment                   | Plaits                        | Hemostatic tourniquet tourniquet 2016  | Plait  | Overall dimensions: the sizes of a plait in the packed look: 20x7x3.5 cm, length of a product: 93 cm, weight: 83 g  | pcs | 600  | 201 |  |  |  |  |
| 439 | 008_UA23399393_0177 | Equipment          | Mechanical | Machinery                                    | Transport vehicles            | BKM-2M drilling and crane machine on the basis of the HTZ-150K or equivalent tractor | 0  | 0   | pcs | 5    | 202 |  |  |  |  |
| 440 | 008_UA23399393_0178 | Equipment          | Electrical | Civil protection equipment                   | Backup power plants           | Diesel generator HIMOINSA HHW-95 T5 or equivalent                                    | 0  | Maximum power - 80 kW; rated power - 73 kW; type of installation - stationary; type of fuel - diesel.   | pcs | 27   | 203 |  |  |  |  |
| 441 | 008_UA23399393_0179 | Equipment          | Electrical | Equipment for 110/35/10 kV substations       | Power transformers            | Power transformer 35/10 kV with a capacity of 6.3 MVA with on-load tap-changer.      | 0  | 0   | pcs | 2    | 204 |  |  |  |  |
| 442 | 008_UA23399393_0180 | Equipment          | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                    | Insulators polymeric LKC-120 / 150-7   | 0  | 0   | pcs | 300  | 205 |  |  |  |  |



|     |                     |           |            |   |            |   |  |   |     |     |     |  |  |  |
|-----|---------------------|-----------|------------|---|------------|---|--|---|-----|-----|-----|--|--|--|
| 443 | 008_UA23399393_0181 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable      | ASBI 3x240 cable  | 0                                      | 0 | km. | 6   | 206 |  |  |  |
| 444 | 008_UA23399393_0182 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Fuses      | fuse PN-2 100A  | 0                                      | 0 | pcs | 400 | 207 |  |  |  |
| 445 | 008_UA23399393_0183 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Fuses      | fuse PN-2 160 A   | 0                                      | 0 | pcs | 400 | 208 |  |  |  |
| 446 | 008_UA23399393_0184 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Fuses      | fuse PN-2 250A  | 0                                      | 0 | pcs | 400 | 209 |  |  |  |
| 447 | 008_UA23399393_0185 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Fuses      | fuse PN-2 400A  | 0                                      | 0 | pcs | 400 | 210 |  |  |  |
| 448 | 008_UA23399393_0186 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Fuses      | fuse PN-2 630A  | 0                                      | 0 | pcs | 400 | 211 |  |  |  |
| 449 | 008_UA23399393_0187 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clip spiral repair type CP-24.5-1A                                | 0                                      | 0 | pcs | 30  | 212 |  |  |  |
| 450 | 008_UA23399393_0188 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clip spiral repair type CP-17,1-1A                                | 0                                      | 0 | pcs | 40  | 213 |  |  |  |
| 451 | 008_UA23399393_0189 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clip spiral repair type CP-15,2-1A                                | 0                                      | 0 | pcs | 40  | 214 |  |  |  |
| 452 | 008_UA23399393_0190 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clip spiral repair type CP-21,6-1A                                | 0                                      | 0 | pcs | 20  | 215 |  |  |  |
| 453 | 008_UA23399393_0191 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clamp supporting type PGN 5-6                                     | 0                                      | 0 | pcs | 10  | 216 |  |  |  |
| 454 | 008_UA23399393_0192 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Tension clamp type US -300-1                                      | 0                                      | 0 | pcs | 4   | 217 |  |  |  |
| 455 | 008_UA23399393_0193 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Clip connecting type SAS 300-1                                    | 0                                      | 0 | pcs | 30  | 218 |  |  |  |
| 456 | 008_UA23399393_0194 | Equipment | Electrical | Equipment of 35-150 kV overhead power lines | Clamps     | Wedge clamp for AC 300 and AC-500 wires                           | 0                                      | 0 | pcs | 2   | 219 |  |  |  |
| 457 | 008_UA23399393_0195 | Equipment | Mechanical | Machinery                                   | Mechanisms | Press hydraulic electric PG-100 tons of kW complete with matrices | The press is hydraulic, matrices (set) | 0 | pcs | 1   | 220 |  |  |  |

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|-----|---------------------|-----------|------------|--|-------------------------|---|----------------|---|-----|---|-----|--|--|--|
| 458 | 008_UA23399393_0196 | Equipment | Mechanical | Machinery                              | Mechanisms              | Wire and cable tensioning machine ARS608                            | 0              | 0   | pcs | 1 | 221 |  |  |  |
| 459 | 008_UA23399393_0197 | Equipment | Mechanical | Machinery                              | Mechanisms              | Reversing machine   | 0              | 0   | pcs | 1 | 222 |  |  |  |
| 460 | 008_UA23399393_0198 | Equipment | Mechanical | Machinery                              | Mechanisms              | Hydraulic drum stand  | 0              | 0   | pcs | 1 | 223 |  |  |  |
| 461 | 008_UA23399393_0199 | Equipment | Mechanical | Machinery                              | Mechanisms              | Polyspast   | 0              | 0   | pcs | 5 | 224 |  |  |  |
| 462 | 008_UA23399393_0200 | Equipment | Mechanical | Machinery                              | Mechanisms              | Drum stand  | 0              | 0   | pcs | 1 | 225 |  |  |  |
| 463 | 008_UA23399393_0201 | Equipment | Mechanical | Machinery                              | Mechanisms              | Steel non-twisting cable leader Ø20mm, 1000m, 262kN Tesmec   FUX020 | steel products | according to the passport characteristics of the manufacturer   | pcs | 2 | 226 |  |  |  |
| 464 | 008_UA23399393_0202 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 100/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 9 | 227 |  |  |  |
| 465 | 008_UA23399393_0203 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 150/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 9 | 228 |  |  |  |
| 466 | 008_UA23399393_0204 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 200/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 9 | 229 |  |  |  |
| 467 | 008_UA23399393_0205 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 300/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 9 | 230 |  |  |  |
| 468 | 008_UA23399393_0206 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 400/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 6 | 231 |  |  |  |
| 469 | 008_UA23399393_0207 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | CURRENT TRANSFORMER CTSO 38 or similar.                             | 0              | 600/5 0.5S / 0.5S / 10P / 10P Nominal secondary load of measuring windings - 20VA, protection - 60VA. Current of thermal stability - 35,1kA | pcs | 6 | 232 |  |  |  |

|     |                     |           |            |  |                                |  |                           |  |     |      |     |  |  |  |
|-----|---------------------|-----------|------------|--|--------------------------------|--|---------------------------|--|-----|------|-----|--|--|--|
| 470 | 008_UA23399393_0208 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | BROKER TRANSFORMER VTO 38 or similar.  | 0                         | Unom = 35kV; Umax = 40.5 kV; Uvtor = 100 / $\sqrt{3}$ V; accuracy class 0.2, 3P; Phnom = 50VA;   | pcs | 15   | 233 |  |  |  |
| 471 | 008_UA23399393_0209 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                  | DTS disconnector 150.1000.All with RSD-1 drive   | 0                         | 0  | pcs | 6    | 234 |  |  |  |
| 472 | 008_UA23399393_0210 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                  | DTS disconnector 150.1000.S.II with the RSD-1 drive  | 0                         | 0  | pcs | 6    | 235 |  |  |  |
| 473 | 008_UA23399393_0211 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | 150 kV SF6 switch with spring-loaded BLK - 222 drive, console for current transformers and relays, LTB-170D1 / B or equivalent                       | Switch, support structure | Type LTB-170D1 / B or equivalent, Unom = 150kV, Umax = 170kV, Inom = 3150A, Imax = 40kA, Secondary optocoupler circuits, motor power = 220V. Possibility of mechanical shutdown. | pcs | 3    | 236 |  |  |  |
| 474 | 008_UA23399393_0212 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                          | Fuse of the VDE 0670/4 standard with the thermal switch and force of a shock needle 80N Un: 12kV, In: 80A, I1 = 63kA, I3 = 340A, the size L = 292 mm | 0                         | 0  | pcs | 6    | 237 |  |  |  |
| 475 | 008_UA23399393_0213 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses                          | Fuse NH2 gG / gL 400 A - 120kA - 500V  | 0                         | 0  | pcs | 6    | 238 |  |  |  |
| 476 | 008_UA23399393_0214 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                     | ShF-20 insulator   | 0                         | 0  | pcs | 1800 | 239 |  |  |  |
| 477 | 008_UA23399393_0215 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                     | cap 10 kV  | 0                         | 0  | pcs | 1800 | 240 |  |  |  |
| 478 | 008_UA23399393_0216 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | Steel angle 40X40X4  | Steel angle               | 40x40x4  | t.  | 1    | 241 |  |  |  |
| 479 | 008_UA23399393_0217 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | Steel angle 50X50X4  | Steel angle               | 50x50x4  | t.  | 4    | 242 |  |  |  |
| 480 | 008_UA23399393_0218 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | ROUND STEEL diameter 10 mm   | The bar is metal          | 10   | t.  | 3    | 243 |  |  |  |
| 481 | 008_UA23399393_0219 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Materials for equipment repair | ROUND STEEL diameter 22 mm   | The bar is metal          | 22   | t.  | 2    | 244 |  |  |  |

|     |                     |                  |            |  |                                |   |                 |  |     |      |      |  |  |  |  |
|-----|---------------------|------------------|------------|--|--------------------------------|---|-----------------|--|-----|------|------|--|--|--|--|
| 482 | 008_UA23399393_0220 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Wire rod 6.5  | Steelwork       | 6,5  | t.  | 5    | 245  |  |  |  |  |
| 483 | 008_UA23399393_0221 | Energy resources | liquid     | Fuels and lubricants                         | Coolant                        | Coolant   | Coolant         | Antifreeze   | l.  | 2000 | 246  |  |  |  |  |
| 484 | 012_UA00131954_0001 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Car lift ap-32  | technical means | 4x4 or 6x6. or similar   | pcs | 2    | 2    |  |  |  |  |
| 485 | 012_UA00131954_0002 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Car lift ap-18  | technical means | 4x2. with double cabin. or similar   | pcs | 15   | 15   |  |  |  |  |
| 486 | 012_UA00131954_0003 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Truck with semi-trailer and manipulator   | technical means | Semi-trailer of 12.5 meters in / n 25 tons with, the crane manipulator like Palfinger-, 15500 in / n 8 tons or similar | pcs | 4    | 4    |  |  |  |  |
| 487 | 012_UA00131954_0004 | Equipment        | Mechanical | Machinery                                    | Transport vehicles             | Brigade car repair shop   | technical means | Cargo van in / n 5 tons  | pcs | 20   | 20   |  |  |  |  |
| 488 | 012_UA00131954_0005 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Truck crane 32t.  | technical means | Loading capacity is 32 tons  | pcs | 2    | 2    |  |  |  |  |
| 489 | 012_UA00131954_0006 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Truck crane 16t.  | technical means | Loading capacity is 16 tons  | pcs | 2    | 2    |  |  |  |  |
| 490 | 012_UA00131954_0007 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Board car with a crane  | technical means | Load capacity of 3.2 tons with the Palfinger PK8500 manipulator  | pcs | 8    | 8    |  |  |  |  |
| 491 | 012_UA00131954_0008 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Excavator   | technical means | With additional attachments - drill and jackhammer   | pcs | 3    | 3    |  |  |  |  |
| 492 | 012_UA00131954_0009 | Equipment        | Mechanical | Machinery                                    | Mechanisms are mobile          | Excavator   | technical means | With additional attachments - drill and jackhammer   | pcs | 2    | 2    |  |  |  |  |
| 493 | 012_UA00131954_0010 | Equipment        | Mechanical | Machinery                                    | Transport vehicles             | Tipper  | technical means | Load capacity 10 tons, 8 cubic meters  | pcs | 4    | 4    |  |  |  |  |
| 494 | 012_UA00131954_0011 | Equipment        | Electrical | Machinery                                    | Mechanisms are stationary      | The compressor is stationary  | technical means | Volume 500 liters. Pressure 12mPa  | pcs | 3    | 3    |  |  |  |  |
| 495 | 012_UA00131954_0012 | Equipment        | Electrical | Civil protection equipment                   | Backup power plants            | Mobile diesel power plant   | technical means | Power 80 kW  | pcs | 3    | 3    |  |  |  |  |
| 496 | 012_UA00131954_0013 | Equipment        | Electrical | Civil protection equipment                   | Backup power plants            | Mobile diesel power plant   | technical means | Power 250 kW   | pcs | 1    | 1    |  |  |  |  |
| 497 | 012_UA00131954_0014 | Equipment        | Mechanical | Devices and tools                            | Wiring tools                   | Tool box  | tool            | set of tools   | pcs | 6    | 6    |  |  |  |  |
| 498 | 012_UA00131954_0015 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Insulators                     | INSULATOR IOS-110-400 II-M UHL1   | ?               | according to the passport characteristics of the manufacturer  | pcs | 70   | 70   |  |  |  |  |
| 499 | 012_UA00131954_0016 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Insulators                     | INSULATOR IOS-110/400   | ?               | according to the passport characteristics of the manufacturer  | pcs | 27   | 27   |  |  |  |  |
| 500 | 012_UA00131954_0017 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Insulators                     | INSULATOR IOS-35/500  | ?               | according to the passport characteristics of the manufacturer  | pcs | 69   | 69   |  |  |  |  |
| 501 | 012_UA00131954_0018 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Insulators                     | INSULATOR IOS-35 / 500-01-1 UHL1  | ?               | according to the passport characteristics of the manufacturer  | pcs | 100  | 100  |  |  |  |  |
| 502 | 012_UA00131954_0019 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Insulators                     | INSULATOR SUPPORTING IO-10 / 3,75   | ?               | according to the passport characteristics of the manufacturer  | pcs | 50   | 50   |  |  |  |  |
| 503 | 012_UA00131954_0020 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Insulators                     | INSULATOR SUPPORTING IO-10 / 7,5  | ?               | according to the passport characteristics of the manufacturer  | pcs | 30   | 30   |  |  |  |  |
| 504 | 012_UA00131954_0021 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators                     | INSULATOR PS-70E  | ?               | according to the passport characteristics of the manufacturer  | pcs | 8000 | 8000 |  |  |  |  |
| 505 | 012_UA00131954_0022 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA302 80A switch  | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 300  | 300  |  |  |  |  |
| 506 | 012_UA00131954_0023 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA302 100A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 507 | 012_UA00131954_0024 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA303 125A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 508 | 012_UA00131954_0025 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA303 160A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 509 | 012_UA00131954_0026 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA303 200A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 510 | 012_UA00131954_0027 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA303 225A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 300  | 300  |  |  |  |  |
| 511 | 012_UA00131954_0028 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers               | DEKraft BA304 250A switch   | circuit breaker | according to the passport characteristics of the manufacturer  | pcs | 300  | 300  |  |  |  |  |
| 512 | 012_UA00131954_0029 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | switch RPS1 100A  | cut-out         | according to the passport characteristics of the manufacturer  | pcs | 300  | 300  |  |  |  |  |
| 513 | 012_UA00131954_0030 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | switch RPS2 250A  | cut-out         | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 514 | 012_UA00131954_0031 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | switch RPS4 400A  | cut-out         | according to the passport characteristics of the manufacturer  | pcs | 400  | 400  |  |  |  |  |
| 515 | 012_UA00131954_0032 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | switch RPS6 630A  | cut-out         | according to the passport characteristics of the manufacturer  | pcs | 300  | 300  |  |  |  |  |
| 516 | 012_UA00131954_0033 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | VACUUM SWITCH BB / TEL-10-31.5 / 1600 U2 WITH CONTROL MODULE AND WITH ADAPTATION KIT FOR INSTALLATION IN CELLS K-II | power switch    | according to the passport characteristics of the manufacturer  | pcs | 4    | 4    |  |  |  |  |
| 517 | 012_UA00131954_0034 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | VACUUM SWITCH BB / TEL-10-31.5 / 2000 U2 WITH CONTROL MODULE AND ADAPTATION KIT FOR INSTALLATION IN KSO-2 CELLS     | power switch    | according to the passport characteristics of the manufacturer  | pcs | 4    | 4    |  |  |  |  |
| 518 | 012_UA00131954_0035 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | VRS SWITCH-10-31.5 / 1600   | power switch    | according to the passport characteristics of the manufacturer  | pcs | 200  | 200  |  |  |  |  |
| 519 | 012_UA00131954_0036 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | VRS SWITCH-10-31.5 / 3150   | power switch    | according to the passport characteristics of the manufacturer  | pcs | 100  | 100  |  |  |  |  |
| 520 | 012_UA00131954_0037 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | SLEEVE SWITCH 110 kV GL312F1 / 4031R  | power switch    | according to the passport characteristics of the manufacturer  | pcs | 40   | 40   |  |  |  |  |
| 521 | 012_UA00131954_0038 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Switches                       | VACUUM SWITCH VV / TEL-10-20 / 1000 U2 WITH CONTROL MODULE AND WITH ADAPTATION KIT FOR INSTALLATION IN K-12 CELLS   | power switch    | according to the passport characteristics of the manufacturer  | pcs | 5    | 5    |  |  |  |  |

|     |                     |           |            |  |                 |   |                           |   |     |      |      |  |  |  |  |
|-----|---------------------|-----------|------------|--|-----------------|---|---------------------------|---|-----|------|------|--|--|--|--|
| 522 | 012_UA00131954_0039 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches        | VACUUM SWITCH BB / TEL-10-20 / 1000 U2 WITH CONTROL MODULE AND WITH ADAPTATION KIT FOR INSTALLATION IN K-47 CELLS   | power switch              | according to the passport characteristics of the manufacturer | pcs | 5    | 5    |  |  |  |  |
| 523 | 012_UA00131954_0040 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches        | VACUUM SWITCH BB / TEL-10-20 / 1000 U2 WITH CONTROL MODULE AND WITH ADAPTATION KIT FOR INSTALLATION IN KRn-10 CELLS | power switch              | according to the passport characteristics of the manufacturer | pcs | 10   | 10   |  |  |  |  |
| 524 | 012_UA00131954_0041 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | VUSHKO ODNOLAPCHATE U1-12-16  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 40   | 40   |  |  |  |  |
| 525 | 012_UA00131954_0042 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | VUSHKO ODNOLAPCHATE U1-7-16   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 150  | 150  |  |  |  |  |
| 526 | 012_UA00131954_0043 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | VUSHKO U1K-7-16   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 150  | 150  |  |  |  |  |
| 527 | 012_UA00131954_0044 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 80A   | fuse                      | according to the passport characteristics of the manufacturer | pcs | 240  | 240  |  |  |  |  |
| 528 | 012_UA00131954_0045 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 100A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 900  | 900  |  |  |  |  |
| 529 | 012_UA00131954_0046 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 160A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 530 | 012_UA00131954_0047 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 200A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 531 | 012_UA00131954_0048 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 250A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 900  | 900  |  |  |  |  |
| 532 | 012_UA00131954_0049 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 400A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 533 | 012_UA00131954_0050 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PN2 630A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 300  | 300  |  |  |  |  |
| 534 | 012_UA00131954_0051 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 101 10 10A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 60   | 60   |  |  |  |  |
| 535 | 012_UA00131954_0052 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 101 10 16A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 536 | 012_UA00131954_0053 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 101 10 20A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 537 | 012_UA00131954_0054 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 102 10 31,5A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 1200 | 1200 |  |  |  |  |
| 538 | 012_UA00131954_0055 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 102 10 40A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 1200 | 1200 |  |  |  |  |
| 539 | 012_UA00131954_0056 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 103 10 50A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 540 | 012_UA00131954_0057 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses           | fuses PKT 103 10 80A  | fuse                      | according to the passport characteristics of the manufacturer | pcs | 600  | 600  |  |  |  |  |
| 541 | 012_UA00131954_0058 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-120  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 542 | 012_UA00131954_0059 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-120-3  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 543 | 012_UA00131954_0060 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-150  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 544 | 012_UA00131954_0061 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-185  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 545 | 012_UA00131954_0062 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-185-3  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 546 | 012_UA00131954_0063 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-70-3   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 547 | 012_UA00131954_0064 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-95   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 548 | 012_UA00131954_0065 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING Oval SOAS-95-3   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |  |
| 549 | 012_UA00131954_0066 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING PRESSED SAS-240-2  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 30   | 30   |  |  |  |  |
| 550 | 012_UA00131954_0067 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP CONNECTING PRESSED SAS-330-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 20   | 20   |  |  |  |  |
| 551 | 012_UA00131954_0068 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | CLAMP TENSIONER BOLT NB-2-6   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 20   | 20   |  |  |  |  |
| 552 | 012_UA00131954_0069 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | CLAMP TENSIONER BOLT NB-3-6B  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 30   | 30   |  |  |  |  |
| 553 | 012_UA00131954_0070 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | CLAMP TENSIONER BOLT NBN-2-6A   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 56   | 56   |  |  |  |  |
| 554 | 012_UA00131954_0071 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | NCC CLAMP 1-1B  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 60   | 60   |  |  |  |  |
| 555 | 012_UA00131954_0072 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP SUPPORTING DEAF PGN 2-6   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 120  | 120  |  |  |  |  |
| 556 | 012_UA00131954_0073 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP SUPPORTING DEAF PGN 2-6A  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 245  | 245  |  |  |  |  |
| 557 | 012_UA00131954_0074 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP SUPPORTING DEAF PGN-5-3   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 30   | 30   |  |  |  |  |
| 558 | 012_UA00131954_0075 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature | CLAMP SUPPORTING DEAF PGN-3-6A  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 85   | 85   |  |  |  |  |
| 559 | 012_UA00131954_0076 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | CLAMP BOTTLE CONNECTING PS 1-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 60   | 60   |  |  |  |  |
| 560 | 012_UA00131954_0077 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | PLATE CLAMP PA 2-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 12   | 12   |  |  |  |  |
| 561 | 012_UA00131954_0078 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | PLATE CLAMP PA 2-2  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 42   | 42   |  |  |  |  |
| 562 | 012_UA00131954_0079 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature | PLATE CLAMP PA 3-2  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs | 42   | 42   |  |  |  |  |

|     |                     |           |            |  |                     |   |                           |   |       |       |       |  |  |  |
|-----|---------------------|-----------|------------|--|---------------------|---|---------------------------|---|-------|-------|-------|--|--|--|
| 563 | 012_UA00131954_0080 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | PLATE CLAMP PA 4-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 36    | 36    |  |  |  |
| 564 | 012_UA00131954_0081 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | PLATE CLAMP PA 5-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 25    | 25    |  |  |  |
| 565 | 012_UA00131954_0082 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | PLATE CLAMP PA 6-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 30    | 30    |  |  |  |
| 566 | 012_UA00131954_0083 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | piercing clamp SLIP22.1                                       | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 8000  | 8000  |  |  |  |
| 567 | 012_UA00131954_0084 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | clamp piercing SLIP22.127                                     | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 8000  | 8000  |  |  |  |
| 568 | 012_UA00131954_0085 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | connecting clamp SL4.21                                       | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 16000 | 16000 |  |  |  |
| 569 | 012_UA00131954_0086 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | clamp supporting SO130  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 4000  | 4000  |  |  |  |
| 570 | 012_UA00131954_0087 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | anchor clamp SO157.1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 800   | 800   |  |  |  |
| 571 | 012_UA00131954_0088 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | anchor clamp SO158.1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 800   | 800   |  |  |  |
| 572 | 012_UA00131954_0089 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | anchor clamp SO118.1201S                                      | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 1000  | 1000  |  |  |  |
| 573 | 012_UA00131954_0090 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | anchor clamp SO118.425S                                       | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 1000  | 1000  |  |  |  |
| 574 | 012_UA00131954_0091 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | hook 28.2   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 16000 | 16000 |  |  |  |
| 575 | 012_UA00131954_0092 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | WTO clamp36   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 40000 | 40000 |  |  |  |
| 576 | 012_UA00131954_0093 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | WTO tape37  | linear-suspended fittings | according to the passport characteristics of the manufacturer | m.p.  | 20000 | 20000 |  |  |  |
| 577 | 012_UA00131954_0094 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | EARRINGS Wed 12-16  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 35    | 35    |  |  |  |
| 578 | 012_UA00131954_0095 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | EARRINGS Wed 7-16   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 144   | 144   |  |  |  |
| 579 | 012_UA00131954_0096 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | SRS EARRING 7-16  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 200   | 200   |  |  |  |
| 580 | 012_UA00131954_0097 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-120                           | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 581 | 012_UA00131954_0098 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-150                           | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 582 | 012_UA00131954_0099 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-185                           | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 583 | 012_UA00131954_0100 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-240                           | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 584 | 012_UA00131954_0101 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-70                            | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 585 | 012_UA00131954_0102 | Equipment | Electrical | Devices and tools                            | Supplies            | CARTRIDGE THERMITIC WELDING PAS-95                            | welding equipment         | according to the passport characteristics of the manufacturer | pcs   | 100   | 100   |  |  |  |
| 586 | 012_UA00131954_0103 | Equipment | Electrical | Devices and tools                            | Supplies            | THERMAL MATCHES FOR IGNITION OF TERMITE CHECKS AND CARTRIDGES | welding equipment         | according to the passport characteristics of the manufacturer | boxes | 100   | 100   |  |  |  |
| 587 | 012_UA00131954_0104 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Insulated wire      | WIRE PV-3 1X2.5   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 0,5   | 0,5   |  |  |  |
| 588 | 012_UA00131954_0105 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | wire AsXS <sub>n</sub> 2x16                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 20    | 20    |  |  |  |
| 589 | 012_UA00131954_0106 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | wire AsXS <sub>n</sub> 4x16                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 10    | 10    |  |  |  |
| 590 | 012_UA00131954_0107 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | AsXS <sub>n</sub> 4x35 wire                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 20    | 20    |  |  |  |
| 591 | 012_UA00131954_0108 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | AsXS <sub>n</sub> 4x50 wire                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 20    | 20    |  |  |  |
| 592 | 012_UA00131954_0109 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | wire AsXS <sub>n</sub> 4x70                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 20    | 20    |  |  |  |
| 593 | 012_UA00131954_0110 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | wire AsXS <sub>n</sub> 4x95                                   | cable and wire products   | according to the passport characteristics of the manufacturer | km    | 10    | 10    |  |  |  |
| 594 | 012_UA00131954_0111 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire    | wire A-50   | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 1     | 1     |  |  |  |
| 595 | 012_UA00131954_0112 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire    | AC-50 wire  | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 1     | 1     |  |  |  |
| 596 | 012_UA00131954_0113 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire    | AC-70 wire  | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 1     | 1     |  |  |  |
| 597 | 012_UA00131954_0114 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire    | AC-95 wire  | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 1     | 1     |  |  |  |
| 598 | 012_UA00131954_0115 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire    | AC-120 wire   | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 2     | 2     |  |  |  |
| 599 | 012_UA00131954_0116 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire    | AC-150 wire   | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 2     | 2     |  |  |  |
| 600 | 012_UA00131954_0117 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire    | wire AC-185   | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 2     | 2     |  |  |  |
| 601 | 012_UA00131954_0118 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire    | AC-240 wire   | cable and wire products   | according to the passport characteristics of the manufacturer | t     | 3     | 3     |  |  |  |
| 602 | 012_UA00131954_0119 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | CLAMP SK-12-1A  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 70    | 70    |  |  |  |
| 603 | 012_UA00131954_0120 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | CLAMP SK-7-1A   | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 116   | 116   |  |  |  |
| 604 | 012_UA00131954_0121 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | BRACKET SKD-10-1  | linear-suspended fittings | according to the passport characteristics of the manufacturer | pcs   | 36    | 36    |  |  |  |
| 605 | 012_UA00131954_0122 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports            | STABLE Z / B SV-95-2,0  | support of power lines    | according to the passport characteristics of the manufacturer | pcs   | 3000  | 3000  |  |  |  |
| 606 | 012_UA00131954_0123 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports            | STAND Z / B SK-105-3,6  | support of power lines    | according to the passport characteristics of the manufacturer | pcs   | 2000  | 2000  |  |  |  |

|     |                     |           |            |  |                                |   |                            |   |     |      |      |  |  |  |
|-----|---------------------|-----------|------------|--|--------------------------------|---|----------------------------|---|-----|------|------|--|--|--|
| 607 | 012_UA00131954_0124 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                       | STABLE Z / B SV-105-5,0   | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |
| 608 | 012_UA00131954_0125 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                       | STAND Z / B SK-105-10   | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 10   | 10   |  |  |  |
| 609 | 012_UA00131954_0126 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | STABLE Z / B SK-26.2-1.1  | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 40   | 40   |  |  |  |
| 610 | 012_UA00131954_0127 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | STAND Z / B JI 164-10,7-1   | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 200  | 200  |  |  |  |
| 611 | 012_UA00131954_0128 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | STABLE Z / B SK-22.1-2.1  | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |
| 612 | 012_UA00131954_0129 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | STABLE Z / B SK-22.2-1.1  | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 50   | 50   |  |  |  |
| 613 | 012_UA00131954_0130 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | SUPPORT Z / B SK-26.1-1.1   | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 40   | 40   |  |  |  |
| 614 | 012_UA00131954_0131 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports                       | STABLE Z / B SK26.1-5.1A  | support of power lines     | according to the passport characteristics of the manufacturer | pcs | 40   | 40   |  |  |  |
| 615 | 012_UA00131954_0132 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Steel angle 75X75X6   | steel products             | according to the passport characteristics of the manufacturer | t   | 3    | 3    |  |  |  |
| 616 | 012_UA00131954_0133 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                | TN9 traverses   | steel products             | according to the passport characteristics of the manufacturer | pcs | 1000 | 1000 |  |  |  |
| 617 | 012_UA00131954_0134 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                | TM3 traverses   | steel products             | according to the passport characteristics of the manufacturer | pcs | 1000 | 1000 |  |  |  |
| 618 | 012_UA00131954_0135 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                | TRAVERSE 35 kV PB-35-2  | steel products             | according to the passport characteristics of the manufacturer | pcs | 65   | 65   |  |  |  |
| 619 | 012_UA00131954_0136 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                | TRAVERSE PB-110-3   | steel products             | according to the passport characteristics of the manufacturer | pcs | 10   | 10   |  |  |  |
| 620 | 012_UA00131954_0137 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                | TRAVERSE PB-110-5   | steel products             | according to the passport characteristics of the manufacturer | pcs | 30   | 30   |  |  |  |
| 621 | 012_UA00131954_0138 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                | TRAVERSE PB-110-8   | steel products             | according to the passport characteristics of the manufacturer | pcs | 5    | 5    |  |  |  |
| 622 | 012_UA00131954_0139 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                | TRAVERSE UB-35-1  | steel products             | according to the passport characteristics of the manufacturer | pcs | 10   | 10   |  |  |  |
| 623 | 012_UA00131954_0140 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Lightning protection cables    | LIGHTNING PROTECTION CABLE TK-9.1-G-V-S-N-R-1770  | steel products             | according to the passport characteristics of the manufacturer | pcs | 25   | 25   |  |  |  |
| 624 | 012_UA00131954_0141 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Lightning protection cables    | STEEL CORD (LIGHTNING PROTECTION) F 9.1   | steel products             | according to the passport characteristics of the manufacturer | pcs | 35   | 35   |  |  |  |
| 625 | 012_UA00131954_0142 | Equipment | Mechanical | Equipment for 110-35 kV overhead power lines | Wiring tools                   | THRASS CUTTER T-14  | hand tools                 | according to the passport characteristics of the manufacturer | pcs | 18   | 18   |  |  |  |
| 626 | 012_UA00131954_0143 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | CURRENT TRANSFORMER TPL-10 75/5 (0.5S)  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 4    | 4    |  |  |  |
| 627 | 012_UA00131954_0144 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TPOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-400 // 5  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 12   | 12   |  |  |  |
| 628 | 012_UA00131954_0145 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TPOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-600 // 5  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 12   | 12   |  |  |  |
| 629 | 012_UA00131954_0146 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TRANSFORMER ZNOM-40.5 U1  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 6    | 6    |  |  |  |
| 630 | 012_UA00131954_0147 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | VOLTAGE TRANSFORMER 3XIYS1F-1.1.1-6000 V3 / 100-3-75 / 0.5-50 / 3P                              | transformers are different | according to the passport characteristics of the manufacturer | pcs | 4    | 4    |  |  |  |
| 631 | 012_UA00131954_0148 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | NAP-10 VOLTAGE TRANSFORMER  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 2    | 2    |  |  |  |
| 632 | 012_UA00131954_0149 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | VOLTAGE TRANSFORMER NAMIT-10/8 kV   | transformers are different | according to the passport characteristics of the manufacturer | pcs | 9    | 9    |  |  |  |
| 633 | 012_UA00131954_0150 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | VOLTAGE TRANSFORMER NKF-123 II U1   | transformers are different | according to the passport characteristics of the manufacturer | pcs | 20   | 20   |  |  |  |
| 634 | 012_UA00131954_0151 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-100 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 2    | 2    |  |  |  |
| 635 | 012_UA00131954_0152 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-150 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 2    | 2    |  |  |  |
| 636 | 012_UA00131954_0153 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-200 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 11   | 11   |  |  |  |
| 637 | 012_UA00131954_0154 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-300 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 5    | 5    |  |  |  |
| 638 | 012_UA00131954_0155 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-400 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 6    | 6    |  |  |  |
| 639 | 012_UA00131954_0156 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TOLU CURRENT TRANSFORMER-10-2.2-G2-0.5S // 10P-600 // 5 WITH TRANSITIONAL BRACKETS SIZE TVLM-10 | transformers are different | according to the passport characteristics of the manufacturer | pcs | 27   | 27   |  |  |  |
| 640 | 012_UA00131954_0157 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | CURRENT TRANSFORMER TPLU-10-1.2-1V-0.5S // 10P-50 // 5  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 10   | 10   |  |  |  |
| 641 | 012_UA00131954_0158 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TPLU-10-1.2-1V-0.5S / 10P-100/5 CURRENT TRANSFORMER   | transformers are different | according to the passport characteristics of the manufacturer | pcs | 12   | 12   |  |  |  |
| 642 | 012_UA00131954_0159 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | TPLU-10-1.2-1V-0.5S / 10P-75/5 CURRENT TRANSFORMER  | transformers are different | according to the passport characteristics of the manufacturer | pcs | 6    | 6    |  |  |  |
| 643 | 012_UA00131954_0160 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers        | CURRENT TRANSFORMER TPLU-10-1.2-2V-0.5S // 10P-150 // 5   | transformers are different | according to the passport characteristics of the manufacturer | pcs | 2    | 2    |  |  |  |



|     |                     |                  |            |  |                                  |   |  |   |     |        |        |  |  |  |  |
|-----|---------------------|------------------|------------|--|----------------------------------|---|--|---|-----|--------|--------|--|--|--|--|
| 644 | 012_UA00131954_0161 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | CURRENT TRANSFORMER TPLU-10-1.2-2V-0,5S // 10P-400 // 5         | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 41     | 41     |  |  |  |  |
| 645 | 012_UA00131954_0162 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | TPLU-10-1.2-2V-0,5S / 10P-200/5 CURRENT TRANSFORMER             | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 5      | 5      |  |  |  |  |
| 646 | 012_UA00131954_0163 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | TPLU-10-1.2-2V-0,5S / 10P-300/5 CURRENT TRANSFORMER             | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 26     | 26     |  |  |  |  |
| 647 | 012_UA00131954_0164 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | CURRENT TRANSFORMER TFZM-123-II-0,5S / 10R / 10P 300-600 / 5 U1 | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 20     | 20     |  |  |  |  |
| 648 | 012_UA00131954_0165 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | CURRENT TRANSFORMER TFZM-40.5 UHL 1                             | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 19     | 19     |  |  |  |  |
| 649 | 012_UA00131954_0166 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers          | transformer NKF110 / 400-600                                    | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 3      | 3      |  |  |  |  |
| 650 | 012_UA00131954_0167 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Power transformers               | POWER TRANSFORMER TDTN-40000/110-U1                             | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 2      | 2      |  |  |  |  |
| 651 | 012_UA00131954_0168 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Power transformers               | TRANSFORMER POWER TM-6300/35/10 UHL 1                           | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 4      | 4      |  |  |  |  |
| 652 | 012_UA00131954_0169 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Power transformers               | TRANSFORMER POWER TM-6300/35/6 UHL 1                            | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 4      | 4      |  |  |  |  |
| 653 | 012_UA00131954_0170 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Power transformers               | TMG400 / 6YD / 11   | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 654 | 012_UA00131954_0171 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Power transformers               | TMG400 / 10YD / 11  | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 655 | 012_UA00131954_0172 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Power transformers               | TMG630 / 6YD / 11   | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 656 | 012_UA00131954_0173 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Power transformers               | TMG630 / 10YD / 11  | transformers are different                     | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 657 | 012_UA00131954_0174 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Packaged transformer substations | KTP 160/10/04   | complete power supply products                 | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 658 | 012_UA00131954_0175 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Packaged transformer substations | KTP 250/10/04   | complete power supply products                 | according to the passport characteristics of the manufacturer   | pcs | 10     | 10     |  |  |  |  |
| 659 | 012_UA00131954_0176 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV           | Packaged transformer substations | KTP 2k 630/10/04  | complete power supply products                 | according to the passport characteristics of the manufacturer   | pcs | 5      | 5      |  |  |  |  |
| 660 | 012_UA00131954_0177 | Energy resources | liquid     | Fuels and lubricants                   | petrol                           | A92 petrol  | Fuel   | A92 petrol  | I   | 160000 | 160000 |  |  |  |  |
| 661 | 012_UA00131954_0178 | Energy resources | liquid     | Fuels and lubricants                   | petrol                           | A95 petrol  | Fuel   | A95 petrol  | I   | 23000  | 23000  |  |  |  |  |
| 662 | 012_UA00131954_0179 | Energy resources | liquid     | Fuels and lubricants                   | Diesel fuel                      | Diesel fuel   | -  | -   | I   | 120000 | 120000 |  |  |  |  |
| 663 | 012_UA00131954_0180 | Energy resources | liquid     | Fuels and lubricants                   | Liquefied gas                    | Propane gas   | Fuel   | Propane gas   | I   | 6000   | 6000   |  |  |  |  |
| 664 | 012_UA00131954_0181 | Energy resources | liquid     | Supplies                               | Transformer oil                  | Transformer oil   | transformer oil hydrocracking GK               | Olive   | I   | 2000   | 2000   |  |  |  |  |
| 665 | 012_UA00131954_0182 | Energy resources | liquid     | Supplies                               | Transformer oil                  | Transformer oil   | transformer oil T-1500                         | Olive   | I   | 200000 | 200000 |  |  |  |  |
| 666 | 027_UA22800735_0001 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Power transformers               | Power transformer 150/35/10 kV, 63,000 kVA                      | Power transformer, power bushings, accessories | Type of transformer TDTN-63000/110-U1 GOST (TU, TZ) GOST 12965-94 Quantity, (pieces) 1 Power, kVA 63000 Voltage of windings at idling, In VN 158000 SN 38500 NN 11000 Scheme and group of connection Y- n / Y- n / D-0-11 HVAC on-load tap-changer adjustment +/- 9x1,5% MV PBV regulation +/- 2x2,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Movement of the transformer longitudinal / cross Form of rollers with flanges Track, mm 1524/2000 Supply voltage of cooling circuit control circuits / on-load tap-changers, V ~380 Supply voltage of cooling / on-load tap-changer motors, V ~380 Built-in HV + CH + 0 + current transformers                                       | pcs | 1      | 1      |  |  |  |  |
| 667 | 027_UA22800735_0002 | Equipment        | Electrical | Equipment for 110/35/10 kV substations | Power transformers               | Power transformer 150/35/10 kV, 25,000 kVA                      | Power transformer, power bushings, accessories | Type of transformer TDTN-25000/110-U1 GOST (TU, TZ) GOST 12965-94 Quantity, (pieces) 1 Power, kVA 25000 Voltage of windings at idling, In VN 158000 SN 38500 NN 11000 Scheme and group of connection Y- n / Y- n / D-0-11 HVAC on-load tap-changer +/- 8x1,5% HVAC adjustment of PBV +/- 2x2,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Movement of the transformer longitudinal / cross Form of rollers with flanges Track, mm 1524/2000 Supply voltage of cooling system control circuits / on-load tap-changer, B = 220 Supply voltage of cooling / on-load tap-changer motors, B = 220 Cooling type D (ONAF) External insulation A Built-in HV + CH + 0 current transformers + | pcs | 1      | 1      |  |  |  |  |



|     |                     |           |            |  |                         |  |  |  |     |   |   |  |  |  |  |
|-----|---------------------|-----------|------------|--|-------------------------|--|--|--|-----|---|---|--|--|--|--|
| 668 | 027_UA22800735_0003 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers      | Power transformer 110/35/10 kV, 25,000 kVA | Power transformer, power bushings, accessories | Type of transformer TDTN-25000/110-U1 GOST (TU, TZ) GOST 12965-94 Quantity, (pieces) 1 Power, kVA 25000 Voltage of windings at idling, In VN 115000 SN 38500 NN 11000 Scheme and group of connection Y-n / Y-n / D-0-11 HV on-load tap-changer adjustment +/- 9x1,78% MV DWP adjustment +/- 2x2,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Movement of the transformer longitudinal / cross Form of rollers with flanges Track, mm 1524/2000 Cooling system control circuit / on-load tap-changer voltage, ~380 Cooling system / on-load tap-changer supply voltage, ~380 Cooling type D Dispatch (with oil, without oil) with oil Stability test at kz External insulation A Built-in current transformers HV + CH + O + | pcs | 1 | 1 |  |  |  |  |
| 669 | 027_UA22800735_0004 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers      | Power transformer 110/35/6 kV 16 000 kVA   | Power transformer, power bushings, accessories | Transformer type TDTN-16000/110-U1 GOST (TU, TZ) GOST 12965-94 Quantity, (pieces) 2 Power, kVA 16000 Voltage of windings at idling, In VN 115000 SN 35500 NN 6300 Scheme and group of connection Y-n / Y-n / D-0-11 HV on-load tap-changer adjustment +/- 9x1,78% MV DWP adjustment +/- 2x2,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Movement of the transformer longitudinal / cross Form of rollers with flanges Track, mm 1524/2000 Supply voltage of cooling system control circuits / on-load tap-changers, B = 220 Supply voltage of cooling / on-load tap-changer motors, B = 220 Cooling type D (ONAF) External insulation A Built-in HV + CH + O current transformers +  | pcs | 2 | 2 |  |  |  |  |
| 670 | 027_UA22800735_0005 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers      | Power transformer 35/10 kV 4,000 kVA       | Power transformer, power bushings, accessories | Transformer type TMN-4000/35-U1 GOST (TU, TK) GOST 12965-94 Quantity, (pieces) 1 Power, kVA 4000 Voltage of windings at idling, In VN 35000 NN 10500 Scheme and group of connection Y / D- 11 On-load tap-changer adjustment +/- 9x1,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Transformer movement longitudinal / transverse Shape of rollers with flanges Track, mm 1524/2000 Supply voltage of on-load control circuits on-load tap-changer power supply, B = 380 Type of cooling M (ONAN) External insulation A  | pcs | 1 | 1 |  |  |  |  |
| 671 | 027_UA22800735_0006 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers      | Power transformer 35/6 kV 4,000 kVA        | Power transformer, power bushings, accessories | Transformer type TMN-4000/110-U1 GOST (TU, TK) GOST 12965-94 Quantity, (pieces) 1 Power, kVA 4000 Voltage of windings at idling, In VN 35000 NN 6300 Scheme and group of connection Y / D- 11 HV on-load tap-changer adjustment +/- 9x1,5% MV's on-board adjustment Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Transformer movement longitudinal / transverse Shape of rollers with rims Track, mm 1524/2000, B = 380 Supply voltage of on-load tap-changer, B = 380 Type of cooling M External insulation A Built-in HV + current transformers  | pcs | 1 | 1 |  |  |  |  |
| 672 | 027_UA22800735_0007 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | Current transformer IMB-170 300/600/5      | IMB-170 300/600/5                              | Voltage class, kV 150 Frequency, Hz 50 Nominal primary current, A 300/600 Nominal secondary current, A 5 Number of secondary windings, pcs 5 - for measurements 2 - for protection 3 Accuracy class of secondary windings: for measurements 0,25 / 0, 25 for protection 10P / 10P / 10P Current of thermal stability, kA not less than 13-26 Current of electrodynamic stability, kA not less than 63-126 Power of loading, VA 20 Quantity of piece 3  | pcs | 3 | 3 |  |  |  |  |
| 673 | 027_UA22800735_0008 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | Current transformer IMB-145 300/600/5      | IMB-145 300/600/5                              | Voltage class, kV 110 Frequency, Hz 50 Nominal primary current, A 300/600 Nominal secondary current, A 5 Number of secondary windings, pcs 5 - for measurements 2 - for protection 3 Accuracy class of secondary windings: for measurements 0,25 / 0, 25 for protection 10P / 10P / 10P Current of thermal stability, kA not less than 13-26 Current of electrodynamic stability, kA not less than 63-126 Power of loading, VA 20 Quantity of piece 3  | pcs | 3 | 3 |  |  |  |  |
| 674 | 027_UA22800735_0009 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | EMF-170 voltage transformer                | EMF-170  | The value of the rated voltage of the primary winding, B 150000 / $\sqrt{3}$ The value of the maximum operating voltage, B 172000 / $\sqrt{3}$ The value of the rated voltage of the main secondary winding, B 100 / $\sqrt{3}$ / 100 / $\sqrt{3}$ The value of the rated voltage of the secondary secondary winding, B 100 The rated power of the main secondary winding, VA when operating in accuracy classes 0.2 100 Value of the transformer power limit, VA 2500 Value of alternating current frequency, Hz 50 Minimum normalized value of the specific length of the leakage current path, cm / kV 3-1 Operating temperature, °C +40 ° -40 Number of pcs 3  | pcs | 3 | 3 |  |  |  |  |
| 675 | 027_UA22800735_0010 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Instrument transformers | EMF-145 voltage transformer                | EMF-145  | Value of nominal voltage of the primary winding, 110000 / $\sqrt{3}$ Value of the maximum operating voltage, 126000 / $\sqrt{3}$ Value of nominal voltage of the main secondary winding, 100 / $\sqrt{3}$ / 100 / $\sqrt{3}$ Value of nominal voltage of the additional secondary winding, 100 Value of nominal power of the main secondary winding, VA when operating in accuracy classes 0.2 100 Value of the transformer power limit, VA 2500 Value of alternating current frequency, Hz 50 Minimum normalized value of the specific length of the leakage current path, cm / kV 2.25 Operating temperature, °C +40 -40 Number of pcs 3   | pcs | 3 | 3 |  |  |  |  |

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|-----|---------------------|--------------------|------------|---|-------------------------------|--|---|---|-----|------|------|--|--|--|--|
| 676 | 027_UA22800735_0011 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Switches                      | SF6 switch 150 kV LTB-170 (or full analog)                                       | LTB-170   | Type LTB-170 (or similar) Three-pole control Yes Rated voltage, kV 170 Rated current, A 3150 Rated current tripping, kA 40 Drive type BLK-222 Rated voltage of electric winding motor circuits, B 220, AC Rated voltage 220 Type of operating current direct Range of working temperatures -40... + 50 Presence of basic galvanized racks yes, 2 pieces Type of isolation polymeric   | pcs | 1    | 1    |  |  |  |  |
| 677 | 027_UA22800735_0012 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Switches                      | SF6 switch 110 kV LTB-145 (or full analog)                                       | LTB-145   | Type LTB-145 (or similar) Three-pole control Yes Rated voltage, kV 145 Rated current, A 3150 Rated current tripping, kA 40 Drive type BLK-222 Rated voltage of electric winding motor circuits, B 220, AC Rated voltage 220 Type of operating current direct Range of working temperatures -40... + 50 Presence of basic galvanized racks yes, 2 pieces Type of isolation polymeric   | pcs | 2    | 2    |  |  |  |  |
| 678 | 027_UA22800735_0013 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Switches                      | 35 kV vacuum switch VR-35NSM (or similar)  | VR-35NSM  | Type BP-35NSM (or similar) Rated voltage, kV 35 Maximum operating voltage 40,5 Rated current, A 1600 Rated current disconnection, kA 20 Drive type spring Rated voltage circuits of electric motor of spring winding, B 220, alternating Rated voltage circuits of operating current, B 220 Type of operating current direct Variant of electric circuit 3 Range of working temperatures -45... + 50 Presence of basic galvanized racks yes, 2 pieces Type of isolation polymeric   | pcs | 1    | 1    |  |  |  |  |
| 679 | 027_UA22800735_0014 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Switches                      | 35 kV vacuum switch VR-35NSM (or similar)  | VR-35NSM  | Type BP-35NSM (or similar) Rated voltage, kV 35 Maximum operating voltage 40,5 Rated current, A 1600 Rated current disconnection, kA 20 Drive type spring Rated voltage circuits of electric motor of spring winding, B 220, alternating Rated voltage circuits of operating current, B 220 Type of operating current alternating Variant of electric circuit 3 Range of working temperatures -45... + 50 Presence of basic galvanized racks yes, 2 pieces Type of isolation polymeric  | pcs | 4    | 4    |  |  |  |  |
| 680 | 027_UA22800735_0015 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Switches                      | 10 kV vacuum switch VD4 (or similar)   | VD4   | Type VD4 (or similar) Rated voltage, kV 10 Maximum operating voltage, kV 12 Rated current, A 1250 Rated current tripping, kA 20 Drive type spring Rated voltage of electric winding motor circuits, B 220, alternating Rated voltage of operating current circuits, B 220 Type of operating current variable Current of operation of electromagnets of shutdown for schemes with shunting, A 5 Range of working temperatures -45... + 50 Existence of a set of adaptation for the device of stationary and pull-out cells of previous years of release yes secondary circles, mm not less than 1200 | pcs | 10   | 10   |  |  |  |  |
| 681 | 027_UA22800735_0016 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Relay protection devices      | Rechargeable battery type A412 / 100 F10 (Zonenschein or similar) two sets       | A412 / 100 F10  | voltage 220 V 18 elements, 1 reserve total capacity 100 A / h   | pcs | 2    | 2    |  |  |  |  |
| 682 | 027_UA22800735_0017 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Relay protection devices      | Charger and recharger for 220 V battery, 4x10 A two sets                         | ?   | ?   | pcs | 2    | 2    |  |  |  |  |
| 683 | 027_UA22800735_0018 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Relay protection devices      | 110 kV overhead line protection panel based on ABB REL-670 terminal eight panels | ABB REL-670 eight panels  | ?   | pcs | 8    | 8    |  |  |  |  |
| 684 | 027_UA22800735_0019 | Equipment          | Electrical | Equipment for 110/35/10 kV substations            | Relay protection devices      | Power transformer protection panel based on ABB RET-670 terminal five panels     | ABB RET-670 five panels   | ?   | pcs | 5    | 5    |  |  |  |  |
| 685 | 027_UA22800735_0020 | Equipment          | Mechanical | Machinery   | Transport vehicles            | Brigade van (IVECO Daily55S18 4x4)   | IVECO Daily55S18 chassis and Brigade van.                                     | Double cabin (6 + 1 seats), workshop van, 4x4 all-wheel drive chassis   | pcs | 3    | 3    |  |  |  |  |
| 686 | 027_UA22800735_0021 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Gas masks  | Gas mask included: full-face panoramic mask with a filter combined small size | Gas mask included: full-face panoramic mask (with mask, headband, adjustable straps and intercom, which protects the respiratory system, skin and eyes from exposure to toxic substances contained in gases, vapors and aerosols (dust, smoke, fog) , with the possibility of operation of the mask by people who wear glasses) and a filter combined small size (without the use of corrugated tubes) 2nd protection class (A1V1E1K2SO15SXP3D).  | pcs | 1670 | 1670 |  |  |  |  |
| 687 | 027_UA22800735_0022 | Equipment          | Electrical | Means of dispatching and technological management | Means of telecommunication    | Wearable VHF radios  | ICOM IC-F16 or similar  | 136-174 MHz, 5 W.   | pcs | 45   | 45   |  |  |  |  |

|     |                     |                    |            |                                  |                               |                                       |  |   |     |      |      |  |  |  |
|-----|---------------------|--------------------|------------|----------------------------------|-------------------------------|---------------------------------------|--|---|-----|------|------|--|--|--|
| 688 | 027_UA22800735_0023 | Equipment          | Electrical | Civil protection equipment       | Backup power plants           | Diesel generator - 9-10 kW            | Diesel generator KS 14-IDE ATSR  | Voltage 230 V, Power max. 11.0 kW, Rated power 10.5 kW, Engine power 21 hp, Fuel tank capacity 30 l, Oil sum volume 2.8 l, Frequency 50 Hz  | pcs | 4    | 4    |  |  |  |
| 689 | 027_UA22800735_0024 | Equipment          | Electrical | Civil protection equipment       | Backup power plants           | Gasoline generator - 6.5 kW           | petrol generator KS 7000E  | Maximum power 5.5 kW, Rated power 5.0 kW, Engine power 13 hp, Fuel type petrol, Fuel tank capacity 25 l, Voltage 230 V, Frequency 50 Hz   | pcs | 5    | 5    |  |  |  |
| 690 | 027_UA22800735_0025 | Humanitarian needs | Protection | Civil protection equipment       | Personal protection equipment | Rechargeable lanterns                 | Flashlight Bailong Police P512-HP50  | Battery power   | pcs | 100  | 100  |  |  |  |
| 691 | 027_UA22800735_0026 | Humanitarian needs | Protection | Civil protection equipment       | Personal protection equipment | Rechargeable lanterns                 | 550 Trio   | Light intensity - 550 lumens, beam range - 600 m, number of LEDs - 3 (white light), Li-ion battery 3.7 V. Battery capacity - 4.5 A / h, continuous operation time from one full charge - 7 hours, three operating modes - at full power; at half power; in flash mode., housing protection level - IP 54 (waterproof). • Level of protection against falls from a height with an unlimited number of positions without damage - 1.5 m (rubberized housing). | pcs | 50   | 50   |  |  |  |
| 692 | 027_UA22800735_0027 | Humanitarian needs | Food       | Civil protection equipment       | Food                          | Dry cakes (daily set of dry products) | The composition includes rice porridge with chicken, borsch with beef, stewed potatoes with vegetables and pork, barley porridge with beef, biscuits x3, rye flour crackers x1, instant coffee x1, black tea x2, sugar x3, pepper x1, salt x3, spoon, plastic x3, napkin x3, wet napkin x3   | Ukrainian daily dry food. Designed for food for 24 hours. Conveniently divided into three parts - breakfast, lunch and dinner   | pcs | 6500 | 6500 |  |  |  |
| 693 | 027_UA22800735_0028 | Equipment          | Electrical | Civil protection equipment       | Backup power plants           | Diesel generator 60-100 kW            | Diesel power plant EP-90B  | Fuel type: Diesel, Number of phases: 3. Operating mode: Continuous. Rated power 65 kW, Maximum power 72 kW, Fuel consumption 16.9 l / h   | pcs | 4    | 4    |  |  |  |
| 694 | 027_UA22800735_0029 | Humanitarian needs | Protection | Civil protection equipment       | Personal protection equipment | Medical first aid kit (tactical)      | 1. Turnstile Python-2 - 2 pcs 2. Bandage bandage - 1 pcs 3. Hemostatic bandage - 1 pcs 4. Hemostatic compression bandage - 1 pcs 5. Occlusive dressing - 1 pcs 6. Adjustable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Thermal cover - 1 pcs 10. Nitrile gloves - 1 pair. 11. Marker for applying information - 1 pcs | First aid kit individual first level  | pcs | 600  | 600  |  |  |  |
| 695 | 027_UA22800735_0030 | Equipment          | Mechanical | Fire safety tools                | Fire extinguishers            | Fire extinguishers VVK-28 (OU-40)     | Carbon dioxide fire extinguisher VVK-28  | active substance - carbon dioxide; gross weight on the wheelbase - 110.00 kilograms; total weight of active substance - 28.00 kilograms;  | pcs | 115  | 115  |  |  |  |
| 696 | 027_UA22800735_0031 | Equipment          | Mechanical | Protective equipment and devices | Dielectric gloves             | Dielectric gloves (pairs)             | One pair of dielectric gloves (left and right glove)   | five-toed, seamless, made of natural latex (revultex), length 350 mm  | pcs | 200  | 200  |  |  |  |
| 697 | 027_UA22800735_0032 | Equipment          | Mechanical | Protective equipment and devices | Dielectric boots              | Dielectric boots (pairs)              | rubber upper, rubber corrugated sole, textile lining and internal reinforcements   | rubber glued shaped boots from polyvinylchloride with marking Ev, zakot, height of boards not less than 160 mm  | pcs | 15   | 15   |  |  |  |
| 698 | 027_UA22800735_0033 | Equipment          | Electrical | Protective equipment and devices | Voltage indicator             | 10kV voltage indicator (pcs)          | the working part, the insulating part and the handle are interconnected  | contact type, the threshold of operation - not more than 25% of the rated voltage, the minimum length of the insulating part - not less than 230 mm, the presence of sound and light alarms   | pcs | 20   | 20   |  |  |  |

|     |                     |           |            |                                  |                    |   |  |   |     |    |    |  |  |  |  |
|-----|---------------------|-----------|------------|----------------------------------|--------------------|---|--|---|-----|----|----|--|--|--|--|
| 699 | 027_UA22800735_0034 | Equipment | Electrical | Protective equipment and devices | Voltage indicator  | 0.4kV voltage indicator (pcs)                   | two housings containing circuit elements connected by a flexible conductor at least 1 meter long | contact type, the threshold of operation - in the range of 45 - 90 volts, the presence of sound and light alarms  | pcs | 50 | 50 |  |  |  |  |
| 700 | 027_UA22800735_0035 | Equipment | Electrical | Protective equipment and devices | Portable grounding | Portable ground. 0.4 kV overhead line (pcs)     | insulating rods, conductors, clamps, clamp, grounding pin  | number of insulating rods - 5; number of clamps - 5; length of the conductor-descent - 9 m.; length of the short-circuit conductor - 0.9 m; conductor cross section - 16 mm2; insulation of copper conductors - a transparent flexible shell            | pcs | 10 | 10 |  |  |  |  |
| 701 | 027_UA22800735_0036 | Equipment | Electrical | Protective equipment and devices | Portable grounding | Portable ground. EPA (pcs)                      | conductors, plug socket, clamp, grounding pin  | number of plug sockets - 5; length of the conductor-descent - 10 m.; length of the short-circuit conductor - 1.5 m; conductor cross section - 16 mm2; insulation of copper conductors - a transparent flexible shell                                    | pcs | 10 | 10 |  |  |  |  |
| 702 | 027_UA22800735_0037 | Equipment | Electrical | Protective equipment and devices | Mounting belt      | Note. mount. belt, 2-sling (pcs)                | safety belt with nipple and leg straps, metal fasteners, two rope slings                         | strap, belt width - 50 mm, number of insurance attachment points - 3, polyamide and polyester, sizes L, S, M, rope slings with two carabines up to 1.9 meters long  | pcs | 20 | 20 |  |  |  |  |
| 703 | 027_UA22800735_0038 | Equipment | Electrical | Protective equipment and devices | Installer manholes | Installation manholes (for concrete)            | installation manholes, fastening belts, two replaceable traverses with double-alloy spikes       | manholes made of steel with paint and varnish coating, the size of the manholes is adjustable 155 mm. 175 mm. 195 mm., Traverses with spikes made of heat-treated steel, fastening straps - made of two solid pieces of yuft leather and orphan leather | pcs | 10 | 10 |  |  |  |  |
| 704 | 027_UA22800735_0039 | Equipment | Mechanical | Protective equipment and devices | Ladders            | Ladder 3.5 m                                    | ladder, rubber thrust bearings, metal tips   | one-knee; added; length - 3.5 m; material - fiberglass; number of steps - 10; weight - not more than 11 kg; coating - weatherproof electrical insulating enamel   | pcs | 20 | 20 |  |  |  |  |
| 705 | 027_UA22800735_0040 | Equipment | Mechanical | Protective equipment and devices | Wiring tools       | Insulating tool                                 | screwdriver slot, screwdriver cross, pliers, pliers, wrench set                                  | single or double layer insulation; moisture-resistant, oil-and-gas-resistant, non-brittle and non-slip insulation; distance between strings - at the top 350 mm and at the base 530 mm.; horn keys 8-24   | set | 20 | 20 |  |  |  |  |
| 706 | 027_UA22800735_0041 | Equipment | Electrical | Protective equipment and devices | Lanterns           | Rechargeable flashlight                         | lantern, batteries, charger  | body - plastic; charging from 220V; protection against moisture; LEDs in the front and side parts; lighting range - 100 m.; continuous operation time - 20 hours  | pcs | 20 | 20 |  |  |  |  |
| 707 | 027_UA22800735_0042 | Equipment | Mechanical | Protective equipment and devices | Goggles            | Goggles   | goggles, strap, anti-fog film  | closed goggles with indirect ventilation; transparent; lens material - polycarbonate; anti-scratch coating; weight - 0.5 kg.  | pcs | 70 | 70 |  |  |  |  |
| 708 | 027_UA22800735_0043 | Equipment | Mechanical | Protective equipment and devices | Protective helmets | Protective helmet with winter helmet and shield | helmet, fastening and damping system, protective shield, winter helmet, chin strap               | material - polypropylene; color - yellow or orange; 8 depreciation fixing points; manual adjustment of the size of the head 53 - 63 cm; availability of ventilation;  | pcs | 70 | 70 |  |  |  |  |
| 709 | 027_UA22800735_0044 | Equipment | Mechanical | Protective equipment and devices | Dielectric mats    | Dielectric mats                                 | Single-purpose dielectric mat  | size - 500 x 500 mm.; monochrome; corrugated front surface  | pcs | 10 | 10 |  |  |  |  |

|     |                     |                    |            |  |                               |  |   |  |     |     |     |  |  |  |  |
|-----|---------------------|--------------------|------------|--|-------------------------------|--|---|--|-----|-----|-----|--|--|--|--|
| 710 | 027_UA22800735_0045 | Equipment          | Mechanical | Overalls and footwear                  | Protective suits              | Sawmill suit (jacket and pants, protective helmet with shield and headphones, gloves, boots) | jacket, pants, boots, gloves, helmet with headphones and protective shield  | trousers with inserts against cuts by a saw; boots with a protective metal toe and heel; clothing sizes - 96-100, 104-108, 112-116; taking sizes - 42, 43, 44, 45, 46  | set | 15  | 15  |  |  |  |  |
| 711 | 027_UA22800735_0046 | Equipment          | Electrical | Equipment for 110/35/10 kV substations | Power transformers            | Power transformers TM-63/10  | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.   | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 63 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40      | pcs | 10  | 10  |  |  |  |  |
| 712 | 027_UA22800735_0047 | Equipment          | Electrical | Equipment for 110/35/10 kV substations | Power transformers            | Power transformers TM-100/10   | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.   | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 100 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 4   | 4   |  |  |  |  |
| 713 | 027_UA22800735_0048 | Equipment          | Electrical | Equipment for 110/35/10 kV substations | Switches                      | Vacuum switches 10 kV VRS-10-25 / 1600   | Poles, spring drive,  | Vacuum vacuum 10 kV type BRS-10-25 / 1600, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 25 kA  | pcs | 10  | 10  |  |  |  |  |
| 714 | 027_UA22800735_0049 | Equipment          | Electrical | Equipment for 110/35/10 kV substations | Switches                      | Vacuum switches 10 kV VRS-10-20 / 1000   | Poles, spring drive,  | Vacuum vacuum 10 kV type VRS-10-25 / 1000, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1000 A, Im = 25 kA  | pcs | 15  | 15  |  |  |  |  |
| 715 | 027_UA22800735_0050 | Equipment          | Electrical | Equipment for 110/35/10 kV substations | Switches                      | Vacuum switches 10 kV VRS-10-12,5 / 630  | Poles, spring drive,  | Vacuum vacuum 10 kV type BRS-10-25 / 630, Un = 10 kV, Umax = 12 kV, F = 50 Hz, In = 1600 A, Im = 12.5 kA   | pcs | 26  | 26  |  |  |  |  |
| 716 | 027_UA22800735_0051 | Equipment          | Electrical | Computer equipment                     | Computers                     | Laptop (i3, RAM 8, SSD 256)  | laptop, power supply, laptop bag  | i3 processor, 8 GB of RAM, 256 MB hard drive   | pcs | 10  | 10  |  |  |  |  |
| 717 | 027_UA22800735_0052 | Equipment          | Electrical | Computer equipment                     | Printers                      | A4 Printer (Canon LBP226DW)  | printer, cable, power, USB cable  | Laser, print load per month 80,000 pages   | pcs | 10  | 10  |  |  |  |  |
| 718 | 027_UA22800735_0053 | Humanitarian needs | Protection | Civil protection equipment             | Personal protection equipment | Kevlar helmet  | Kevlar bulletproof helmet "Helmet-1M", Temp 3000  | Protection class not lower than 3  | pcs | 600 | 600 |  |  |  |  |
| 719 | 027_UA22800735_0054 | Humanitarian needs | Protection | Civil protection equipment             | Personal protection equipment | Body armor   | Disi Pancer body armor  | Protection class not lower than 3  | pcs | 600 | 600 |  |  |  |  |
| 720 | 027_UA22800735_0055 | Humanitarian needs | Protection | Civil protection equipment             | Defibrillators                | Defibrillators are portable  | defibrillator, bag-case, set of self-adhesive electrodes (adult, child), battery, charger, memory card  | operating mode - automatic or semi-automatic; voice prompts; power - 200 J (standard) 360 J (power); display; self-test function; built-in memory; protection against dust and moisture  | pcs | 10  | 10  |  |  |  |  |
| 721 | 027_UA22800735_0056 | Humanitarian needs | Protection | Civil protection equipment             | Personal protection equipment | First-aid kit medical (industrial)   | The first-aid kit contains products for processing and bandaging of wounds, immobilization; antiseptics, painkillers, cardiac and aids, enterosorbent, first aid manual, as well as recommendations for the use of attachments. The first-aid kit (bag) is equipped with a shoulder strap for convenience of use in field conditions. | First aid kit mobile - a set of medical devices and medicines, designed for the timely provision of first home self-help and mutual aid at the production and storage sites of enterprises and organizations.  | pcs | 500 | 500 |  |  |  |  |
| 722 | 027_UA22800735_0057 | Humanitarian needs | Protection | Civil protection equipment             | Personal protection equipment | Hemostatic tourniquets   | Hemostatic tourniquet tourniquet 2016   | Overall dimensions: the sizes of a plait in the packed look: 20x7x3.5 cm, length of a product: 93 cm, weight: 83 g   | pcs | 600 | 600 |  |  |  |  |

|     |                     |           |            |  |                  |   |   |   |     |      |      |  |  |  |
|-----|---------------------|-----------|------------|--|------------------|---|---|---|-----|------|------|--|--|--|
| 723 | 027_UA22800735_0058 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire | Wire AC-50  | Conductive core of six twisted aluminum wires with a diameter of 3.2 mm; Steel wire with a diameter of 3.2 mm | Weight of 1 km of wire - 191 kg   | t   | 3,2  | 3,2  |  |  |  |
| 724 | 027_UA22800735_0059 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports         | Support SV 10.5-5                                       | Reinforced concrete transmission support  | Length, 10500 mm; Weight, 1180 kg; Transverse size from above 200x180x190 mm; Transverse size at the bottom 200x180x280 mm; | pcs | 316  | 316  |  |  |  |
| 725 | 027_UA22800735_0060 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators       | SHF-20 (SHS) insulator                                  | Pin insulator   | Rated voltage 20 kV   | pcs | 468  | 468  |  |  |  |
| 726 | 027_UA22800735_0061 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire | A-50 wire   | Conductive core of six twisted aluminum wires with a diameter of 3 mm;  | Weight of 1 km of wire - 135 kg   | t   | 2,72 | 2,72 |  |  |  |
| 727 | 027_UA22800735_0062 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire | Wire A-35   | Conductive core of six twisted aluminum wires with a diameter of 2.51 mm;                                     | Weight of 1 km of wire - 94 kg  | t   | 3,4  | 3,4  |  |  |  |
| 728 | 027_UA22800735_0063 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports         | Support SV-9.5-2-a                                      | Reinforced concrete transmission support  | Length, 9500 mm; Weight, 750 kg; Transverse size from above 165x165x150 mm; Transverse size at the bottom 165x240x150 mm;   | pcs | 760  | 760  |  |  |  |
| 729 | 027_UA22800735_0064 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable connecting 10 STpM-7 (3 / 35-50)         | Coupling cable connecting   | Rated voltage 10 kV, type STpM-7; three veins; cross section 35-50 mm2  | pcs | 50   | 50   |  |  |  |
| 730 | 027_UA22800735_0065 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable connecting 10 STpM-8 (3 / 70-120)        | Coupling cable connecting   | Rated voltage 10 kV, type STpM-8; three veins; cross section 70-120 mm2   | pcs | 430  | 430  |  |  |  |
| 731 | 027_UA22800735_0066 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable connecting 10 STpM-9 (3 / 150-240)       | Coupling cable connecting   | Rated voltage 10 kV, type STpM-9; three veins; cross section 150-240 mm2  | pcs | 60   | 60   |  |  |  |
| 732 | 027_UA22800735_0067 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer external 10KNTpN-7 (3 / 35-50)   | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-7; three veins; cross section 35-50 mm2   | pcs | 21   | 21   |  |  |  |
| 733 | 027_UA22800735_0068 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer external 10KNTpN-8 (3 / 70-120)  | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-8; three veins; cross section 70-120 mm2  | pcs | 126  | 126  |  |  |  |
| 734 | 027_UA22800735_0069 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer external 10KNTpN-9 (3 / 150-240) | The coupling is cable final external  | Rated voltage 10 kV, type KHTnH-9; three veins; cross section 150-240 mm2   | pcs | 30   | 30   |  |  |  |
| 735 | 027_UA22800735_0070 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer inside 10kVTPN-7 (3 / 35-50)     | Cable sleeve end internal   | Rated voltage 10 kV, type kVTPN-7; three veins; cross section 35-50 mm2   | pcs | 30   | 30   |  |  |  |
| 736 | 027_UA22800735_0071 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer inside 10kVTPN-8 (3 / 70-120)    | Cable sleeve end internal   | Rated voltage 10 kV, type kVTPN-8; three veins; cross section 70-120 mm2  | pcs | 75   | 75   |  |  |  |
| 737 | 027_UA22800735_0072 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer inside 10kVTPN-9 (3 / 150-240)   | Cable sleeve end internal   | Rated voltage 10 kV, type kVTPN-9; three veins; cross section 150-240 mm2   | pcs | 15   | 15   |  |  |  |
| 738 | 027_UA22800735_0073 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable connecting 10PsTp-9 (3 / 150-240)        | Coupling cable connecting   | Rated voltage 10 kV, type PsTp-9; three veins; cross section 150-240 mm2  | pcs | 168  | 168  |  |  |  |
| 739 | 027_UA22800735_0074 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable trailer 10PkVTPN-9 (3 / 150-240)         | Cable sleeve end internal   | Rated voltage 10 kV, type PkVTPN-9; three veins; cross section 150-240 mm2  | pcs | 30   | 30   |  |  |  |
| 740 | 027_UA22800735_0075 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling cable connecting 10PSTP-8 (1 / 70-120)         | Coupling cable connecting   | Rated voltage 10 kV, type PSTP-8; single vein; cross section 70-120 mm2   | pcs | 30   | 30   |  |  |  |

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|-----|---------------------|-----------|------------|---|-----------------|---|--------------------------------------|--|-----|------|------|--|--|--|
| 741 | 027_UA22800735_0076 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer 10PKVTP-8 (1 / 70-120)         | Cable sleeve end internal            | Rated voltage 10 kV, type PKVTP-8; single vein; cross section 70-120 mm2 | pcs | 3    | 3    |  |  |  |
| 742 | 027_UA22800735_0077 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X240                                | Power cable                          | Rated voltage up to 10 kV, core cross section 240 mm2                    | km  | 0,36 | 0,36 |  |  |  |
| 743 | 027_UA22800735_0078 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X185                                | Power cable                          | Rated voltage up to 10 kV, core cross section 185 mm2                    | km  | 0,36 | 0,36 |  |  |  |
| 744 | 027_UA22800735_0079 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X150                                | Power cable                          | Rated voltage up to 10 kV, core cross section 150 mm2                    | km  | 1,08 | 1,08 |  |  |  |
| 745 | 027_UA22800735_0080 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X120                                | Power cable                          | Rated voltage up to 10 kV, core cross section 120 mm2                    | km  | 2,4  | 2,4  |  |  |  |
| 746 | 027_UA22800735_0081 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X95                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 95 mm2                     | km  | 1,8  | 1,8  |  |  |  |
| 747 | 027_UA22800735_0082 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X70                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 70 mm2                     | km  | 1,2  | 1,2  |  |  |  |
| 748 | 027_UA22800735_0083 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | Power cable AABI 3X50                                 | Power cable                          | Rated voltage up to 10 kV, core cross section 50 mm2                     | km  | 0,24 | 0,24 |  |  |  |
| 749 | 027_UA22800735_0084 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 1STp-1 (3 / 35-50)          | Coupling cable connecting            | Rated voltage 1 kV, type STp-1; three veins; cross section 35-50 mm2     | pcs | 25   | 25   |  |  |  |
| 750 | 027_UA22800735_0085 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 1STp-2 (3 / 70-120)         | Coupling cable connecting            | Rated voltage 1 kV, type STp-2; three veins; cross section 70-120 mm2    | pcs | 55   | 55   |  |  |  |
| 751 | 027_UA22800735_0086 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-1 (3 / 35-50)  | The coupling is cable final external | Rated voltage 1 kV, type KHTnH-1; three veins; cross section 35-50 mm2   | pcs | 25   | 25   |  |  |  |
| 752 | 027_UA22800735_0087 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-2 (3 / 70-120) | The end cable is external            | Rated voltage 1 kV, type KHTnH-2; three veins; cross section 70-120 mm2  | pcs | 40   | 40   |  |  |  |
| 753 | 027_UA22800735_0088 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer external 1KNTpN-5 (4 / 70-120) | The coupling is cable final external | Rated voltage 1 kV, type KHTnH-5; four veins; cross section 70-120 mm2   | pcs | 30   | 30   |  |  |  |
| 754 | 027_UA22800735_0089 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable trailer inside 1KVTPN-5 (4 / 70-120)   | The coupling is cable final internal | Rated voltage 1 kV, type KVTPN-5; four veins; cross section 70-120 mm2   | pcs | 37   | 37   |  |  |  |
| 755 | 027_UA22800735_0090 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 1STp-4 (4 / 35-50)          | Coupling cable connecting            | Rated voltage 1 kV, type STp-4; four veins; cross section 35-50 mm2      | pcs | 42   | 42   |  |  |  |
| 756 | 027_UA22800735_0091 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling cable connecting 1STp-5 (4 / 70-120)         | Coupling cable connecting            | Rated voltage 1 kV, type STp-5; four veins; cross section 70-120 mm2     | pcs | 54   | 54   |  |  |  |
| 757 | 027_UA22800735_0092 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | AVVG 4x120 cable                                      | AVVG 4x120 cable                     | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C      | km  | 3,6  | 3,6  |  |  |  |
| 758 | 027_UA22800735_0093 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable           | AVVG 4x95 cable                                       | AVVG 4x95 cable                      | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C      | km  | 1,44 | 1,44 |  |  |  |

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|-----|---------------------|-----------|------------|---|---------------------|--|--|--|-----|------|------|--|--|--|
| 759 | 027_UA22800735_0094 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable               | AVVG 4x70 cable                                      | AVVG 4x70 cable  | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 1,56 | 1,56 |  |  |  |
| 760 | 027_UA22800735_0095 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable               | AVVG 4x50 cable                                      | AVVG 4x50 cable  | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 1,56 | 1,56 |  |  |  |
| 761 | 027_UA22800735_0096 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable               | AVVG 4x35 cable                                      | AVVG 4x35 cable  | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 0,6  | 0,6  |  |  |  |
| 762 | 027_UA22800735_0097 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable               | AVVG 4x25 cable                                      | AVVG 4x25 cable  | Rated voltage up to 1000 V; Operating temperature from-50C to + 50C  | km  | 0,36 | 0,36 |  |  |  |
| 763 | 027_UA22800735_0098 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings     | Coupling cable connecting 1STp-6 (4 / 150-240)       | Coupling coupling  | 1STp-6 (4 / 150-240)   | pcs | 12   | 12   |  |  |  |
| 764 | 027_UA22800735_0099 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings     | Coupling cable trailer inside 1kVTPN-4 (4 / 35-50)   | The coupling is final inside   | 1kVTPN-4 (4 / 35-50)   | pcs | 36   | 36   |  |  |  |
| 765 | 027_UA22800735_0100 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings     | Coupling cable trailer external 1KNTpN-4 (4 / 35-50) | The coupling is final external   | 1KHTnH-4 (4 / 35-50)   | pcs | 18   | 18   |  |  |  |
| 766 | 027_UA22800735_0101 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers  | Power transformer 10 / 0,4 kV; 63 kVA                | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 63 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C  | pcs | 6    | 6    |  |  |  |
| 767 | 027_UA22800735_0102 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers  | Power transformer 10 / 0,4 kV; 100 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 100 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 8    | 8    |  |  |  |
| 768 | 027_UA22800735_0103 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers  | Power transformer 10 / 0,4 kV; 160 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 160 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 8    | 8    |  |  |  |
| 769 | 027_UA22800735_0104 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers  | Power transformer 10 / 0,4 kV; 250 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 250 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 6    | 6    |  |  |  |
| 770 | 027_UA22800735_0105 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Power transformers  | Power transformer 10 / 0,4 kV; 400 kVA               | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 400 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 4    | 4    |  |  |  |
| 771 | 027_UA22800735_0106 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                | Prefabricated cells | Cells with 10 kV HV                                  | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminosin, as a switching device - Load switch (VNA-10/630, etc.) | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current of the main circuits of CSR cameras with a load switch at a frequency of 50 Hz 630 A. Rated current tripping of the load switch 630 A. Electrodynamic stability current 50 kA. Thermal stability current 20 kA   | pcs | 2    | 2    |  |  |  |



|     |                     |           |            |                              |                     |                             |   |   |     |    |    |  |  |  |  |
|-----|---------------------|-----------|------------|------------------------------|---------------------|-----------------------------|---|---|-----|----|----|--|--|--|--|
| 772 | 027_UA22800735_0107 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells | Cells with 10 kV CF.        | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminizing, as a switching device - oil switch type VMP10-630, etc.)   | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current main circuits of CSR chambers with oil switch at a frequency of 50 Hz, 1000 A. Rated current tripping 20kA. Electrodynamic stability current 51 kA. Thermal stability current 20 kA                               | pcs | 2  | 2  |  |  |  |  |
| 773 | 027_UA22800735_0108 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells | Cells with explosives 10 kV | Cells of unilateral service of frame type, made of high-quality steel sheet or aluminizing, as the switching device - vacuum switches (VL-12 "LS", VD-4, Vmax "ABB", 3AN "Siemens", BP1 "RZVA, etc.)  | Rated voltage 10 kV, maximum operating voltage 12 kV, rated current of the main circuits of CSR cameras with a load switch at a frequency of 50 Hz, 630 A. Rated current shutdown of the vacuum switch 20 kA. Electrodynamic stability current 51 kA. Thermal stability current 20 kA | pcs | 2  | 2  |  |  |  |  |
| 774 | 027_UA22800735_0109 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Prefabricated cells | Cells WHO-94 0.4 kV         | Cells of one-sided service of frame type, made of high-quality steel sheet or aluminizing   | Rated voltage 0.38 kV, number of outgoing lines 1-9, rated current of the single panel 2500A.   | pcs | 2  | 2  |  |  |  |  |
| 775 | 027_UA22800735_0110 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 63 A        | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 63 A; Working temperature: from -25C° to + 40C°; Electronic release  | pcs | 40 | 40 |  |  |  |  |
| 776 | 027_UA22800735_0111 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 100 A       | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 100 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 80 | 80 |  |  |  |  |
| 777 | 027_UA22800735_0112 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 160 A       | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 160 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 70 | 70 |  |  |  |  |
| 778 | 027_UA22800735_0113 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 200 A       | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 200 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 28 | 28 |  |  |  |  |
| 779 | 027_UA22800735_0114 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 250 A       | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 250 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 40 | 40 |  |  |  |  |
| 780 | 027_UA22800735_0115 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 400 A       | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 400 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 6  | 6  |  |  |  |  |
| 781 | 027_UA22800735_0116 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Circuit breakers    | Circuit breaker 630 A.      | Execution - three-pole; Complete set: interphase partitions (4 pieces), hardware for fastening on the assembly panel (1 set), hardware for connection of external conductors (1 set)  | Rated voltage - 660 V; Rated insulation voltage - 800 V; Rated current settings aut. Switch In., 600 A; Working temperature: from -25C° to + 40C°; Electronic release   | pcs | 12 | 12 |  |  |  |  |
| 782 | 027_UA22800735_0117 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches            | RPS-250 A switch            | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2; | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"  | pcs | 6  | 6  |  |  |  |  |
| 783 | 027_UA22800735_0118 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV | Switches            | RPS-400 A switch            | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2; | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"  | pcs | 3  | 3  |  |  |  |  |

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| 784 | 027_UA22800735_0119 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | The RP8-630 A switch                   | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O"  | pcs | 17   | 17   |  |  |  |  |
| 785 | 027_UA22800735_0120 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | RPS-1000 A switch                      | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O"  | pcs | 6    | 6    |  |  |  |  |
| 786 | 027_UA22800735_0121 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | RPS-1600 A switch                      | Copper knives, protected by a protective coating; The drive is lateral, the drive shaft is rigid with the handle which is removed from the drive is on a drive shaft (except RPS); The panel is metal; Complete set with a porcelain rack with sponges under PN-2 safety locks; Three-pole design; Fastening for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuses PN-2;  | Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles<br>"V-O"  | pcs | 6    | 6    |  |  |  |  |
| 787 | 027_UA22800735_0122 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                       | Switch PE 311500 1600A                 | The drive with the handle is mounted in the center; Used indoors; The switch is made on an insulating plate by fixed and movable contacts, the manual drive; All current-carrying parts of the circuit breaker are made of high quality M1 copper; Fixed contacts are made of standard busbars and are a T-shaped non-detachable structure; The movable contacts are made of two copper plates, which are fixed on an integral contact connection on the axis and the springs provide a constant contact pressure when rotating around the axis. The design of contact terminals provides connection of copper and aluminum conductors and cables, cable lugs or clamps and ties by means of threaded connections; The presence of a ground clamp; Tripolar design; Copper and aluminum ties with a cross section from 8x60 or 3x150 mm2 to 2 (6x60) or 6 (3x120) mm2 are connected to the switch. | Voltage 1000 V., frequency 50 Hz;  | pcs | 1    | 1    |  |  |  |  |
| 788 | 027_UA22800735_0123 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Materials for equipment repair | Sheet steel 2.0 mm                     | Sheet steel  | thickness 2.0 mm   | t   | 0,5  | 0,5  |  |  |  |  |
| 789 | 027_UA22800735_0124 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Angle 63x63x5 mm                       | The corner is metal  | size 63x63x5 mm  | t   | 2,1  | 2,1  |  |  |  |  |
| 790 | 027_UA22800735_0125 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Angle 70x70x5 mm                       | The corner is metal  | size 70x70x5 mm  | t   | 0,13 | 0,13 |  |  |  |  |
| 791 | 027_UA22800735_0126 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Steel round D-16                       | Metal bar  | diameter 16 mm   | t   | 2,1  | 2,1  |  |  |  |  |
| 792 | 027_UA22800735_0127 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Steel round D-22                       | Metal bar  | diameter 22 mm   | t   | 0,1  | 0,1  |  |  |  |  |
| 793 | 027_UA22800735_0128 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Materials for equipment repair | Strip 50x4 mm                          | Metal strip  | size 50x4 mm   | t   | 0,14 | 0,14 |  |  |  |  |
| 794 | 027_UA22800735_0129 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers             | Power transformer 10 / 0.4 kV; 630 kVA | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator.  | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 630 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs | 1    | 1    |  |  |  |  |

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| 795 | 027_UA22800735_0130 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers        | Power transformer 10 / 0.4 kV; 1000 kVA | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Number of phases-3, number of transformer windings, type of transformer - step-down, method of cooling windings - oil, power - 1000 kVA, vector group - U / Un-0, Nominal high voltage - $10 \pm 2 \times 2.5\%$ kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - -60... +40 ° C | pcs   | 1      | 1      |  |  |  |
| 796 | 027_UA22800735_0131 | Energy resources | liquid     | Fuels and lubricants                         | petrol                    | A92 petrol                              | Fuel  | A92 petrol  | I     | 180000 | 180000 |  |  |  |
| 797 | 027_UA22800735_0132 | Energy resources | liquid     | Fuels and lubricants                         | petrol                    | A95 petrol                              | Fuel  | A95 petrol  | I     | 40000  | 40000  |  |  |  |
| 798 | 027_UA22800735_0133 | Energy resources | liquid     | Fuels and lubricants                         | Diesel fuel               | Diesel fuel                             | -   | -   | I     | 160000 | 160000 |  |  |  |
| 799 | 027_UA22800735_0134 | Energy resources | liquid     | Fuels and lubricants                         | Liquefied gas             | Propane gas                             | Fuel  | Propane gas   | I     | 100000 | 100000 |  |  |  |
| 800 | 027_UA22800735_0135 | Energy resources | liquid     | Fuels and lubricants                         | Liquefied gas             | Methane gas                             | Fuel  | Methane gas   | куб.м | 100000 | 100000 |  |  |  |
| 801 | 027_UA22800735_0136 | Energy resources | liquid     | Fuels and lubricants                         | Petroleum automobile oils | Olive 15W40                             | Car oil   | Olive 15W40   | I     | 1000   | 1000   |  |  |  |
| 802 | 027_UA22800735_0137 | Energy resources | liquid     | Fuels and lubricants                         | Petroleum automobile oils | Olive 10W40                             | Car oil   | Olive 10W40   | I     | 3000   | 3000   |  |  |  |
| 803 | 027_UA22800735_0138 | Energy resources | liquid     | Fuels and lubricants                         | Diesel automobile oils    | Olive M10G2K                            | Diesel automobile oil   | Olive M10G2K  | I     | 2000   | 2000   |  |  |  |
| 804 | 023_UA00130926_0001 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire          | wire AC-185/24                          | cable and wire products   | Non-insulated steel-aluminum wire for overhead power lines. The number and diameter of steel wires 7x2.1 mm, the number and diameter of aluminum wires 24x3.15 mm, the estimated diameter of the entire wire 18.9 mm, the tensile strength - 58.075 kN, the weight of the wire 705.0 kg / km.   | km    | 20     | 20     |  |  |  |
| 805 | 023_UA00130926_0002 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire          | wire AC-300/39                          | cable and wire products   | Non-insulated steel-aluminum wire for overhead power lines. The number and diameter of steel wires 7x2.65 mm, the number and diameter of aluminum wires 24x4.0 mm, the estimated diameter of the entire wire 24.0 mm, the tensile strength - 90.574 kN, the weight of the wire 1132.0 kg / km.  | km    | 5      | 5      |  |  |  |
| 806 | 023_UA00130926_0003 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire          | wire AC-95/16                           | cable and wire products   | Non-insulated steel-aluminum wire for overhead power lines. The number and diameter of steel wires 1x4.5 mm, the number and diameter of aluminum wires 6x4.5 mm, the estimated diameter of the entire wire 13.5 mm, the tensile strength - 33.369 kN, wire weight 385.0 kg / km.  | km    | 15     | 15     |  |  |  |
| 807 | 023_UA00130926_0004 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire          | wire AC-120/19                          | cable and wire products   | Non-insulated steel-aluminum wire for overhead power lines. The number and diameter of steel wires 7x1.85 mm, the number and diameter of aluminum wires 26x2.4 mm, the estimated diameter of the entire wire 15.2 mm, the estimated tensile strength - 41.521 kN, wire weight 471.0 kg / km.  | km    | 15     | 15     |  |  |  |
| 808 | 023_UA00130926_0005 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                | insulator LKTs 120 / 150-2              | Insulators  | Insulator polymer linear rod, rated voltage 150 kV, normalized destructive mechanical force - 120 kN, degree of air pollution - 2   | pcs   | 120    | 120    |  |  |  |
| 809 | 023_UA00130926_0006 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                | LCC insulator 160 / 150-2               | Insulators  | Insulator polymer linear rod, rated voltage 150 kV, normalized destructive mechanical force - 160 kN, degree of air pollution - 2   | pcs   | 40     | 40     |  |  |  |
| 810 | 023_UA00130926_0007 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                | LCC insulator 70 / 35-2                 | Insulators  | Insulator polymer linear rod, rated voltage 35 kV, normalized destructive mechanical force - 70 kN, degree of air pollution - 2   | pcs   | 200    | 200    |  |  |  |
| 811 | 023_UA00130926_0008 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature           | clamp PA-4-1                            | The armature is linear  | Connecting clamp for AC and A wires with a diameter of 15.4 mm - 20.0 mm  | pcs   | 100    | 100    |  |  |  |
| 812 | 023_UA00130926_0009 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature           | clamp PA-5-1                            | The armature is linear  | Connecting clamp for AC and A wires with a diameter of 20.0 mm - 24.8 mm  | pcs   | 40     | 40     |  |  |  |

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| 813 | 023_UA00130926_0010 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature    | clamp PA-3-2                          | The armature is linear                         | Connecting clamp for AC and A wires with a diameter of 12.3 mm - 14.0 mm   | pcs | 100  | 100  |  |  |  |
| 814 | 023_UA00130926_0011 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature    | COAS-185-3 connectors                 | The armature is linear                         | The clamp aluminum oval is intended for connection of wires A185 AC185 / 24 AC150 / 29 AC85 / 43 by a twisting method  | pcs | 60   | 60   |  |  |  |
| 815 | 023_UA00130926_0012 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature    | COAS-95-3 connectors                  | The armature is linear                         | The clip oval aluminum is intended for connection of wires of A195 A120 AC95 / 16 Azh70 / 39 by a twisting method  | pcs | 100  | 100  |  |  |  |
| 816 | 023_UA00130926_0013 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature    | COAS-120-3 connectors                 | The armature is linear                         | The clamp aluminum oval is intended for connection of wires A150 AC120 / 19 AC120 / 27 by a twisting method  | pcs | 100  | 100  |  |  |  |
| 817 | 023_UA00130926_0014 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches           | SF6 switches LT8170D1                 | SF6 switches                                   | spring-loaded column switch with motor-driven spring, the highest rated voltage 170 kV, the highest rated current - 3150 A, the highest tripping current - 40 kA, = 220 V  | pcs | 1    | 1    |  |  |  |
| 818 | 023_UA00130926_0015 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches           | power switches BP-35 NSM              | power switch                                   | The switch of vacuum and external installation with organosilicon and air isolation in poles and the spring drive is intended for switching of electric high-voltage circuits with a nominal voltage of 35 kV, Rated current - 1600 A; Rated current tripping - 20 kA, Electrodynamic stability current -52 kA, = 220V   | pcs | 2    | 2    |  |  |  |
| 819 | 023_UA00130926_0016 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches           | 10 kV power switches                  | power switch                                   | rated voltage 10 kV, rated current - not less than 1600 A, rated current disconnection - not less than 20 kA, = 220V   | pcs | 5    | 5    |  |  |  |
| 820 | 023_UA00130926_0017 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers | Power transformer TDTN-63000/150/35/6 | Power transformer, power bushings, accessories | Transformer TDTN-63000/150/35/6 power, three-phase, three winding, bell type, with natural oil circulation and forced air circulation, with regulation of voltage under load (RPN), with switching of branches without excitation (PBZotok), rated / 35/6 kV, nominal power 63 MVA.  | pcs | 1    | 1    |  |  |  |
| 821 | 023_UA00130926_0018 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers | Power transformers TMN-10000/35       | Power transformer, power bushings, accessories | Vector group Y / D-11; Rated power - 10 MVA; Un = 38.5 ± 2 * 2.5% / 11 kV  | pcs | 2    | 2    |  |  |  |
| 822 | 023_UA00130926_0019 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers | Power transformers TMN-6300/35        | Power transformer, power bushings, accessories | Vector group Y / D-11; Rated capacity - 6.3 MVA; Un = 38.5 ± 2 * 2.5% / 11 kV  | pcs | 2    | 2    |  |  |  |
| 823 | 023_UA00130926_0020 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers | Power transformers TMN-4000/35        | Power transformer, power bushings, accessories | Vector group Y / D-11; Rated power - 4 MVA; Un = 38.5 ± 2 * 2.5% / 11 kV   | pcs | 2    | 2    |  |  |  |
| 824 | 023_UA00130926_0021 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers | Power transformers TMN-2500/35/10     | Power transformer, power bushings, accessories | Vector group Y / D-11; Rated capacity - 2.5 MVA; RPN ± 9 * 1.5%; Un = 38.5 / 11 kV   | pcs | 1    | 2    |  |  |  |
| 825 | 023_UA00130926_0022 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire   | AC-50 wire                            | cable and wire products                        | Non-insulated steel-aluminum wire for overhead power lines. The number and diameter of steel wires 1x3.2 mm, the number and diameter of aluminum wires 6x3.2mm, the estimated diameter of the steel core 3.2mm, the estimated diameter of the entire wire 9.6mm, the estimated tensile strength - 17,112 kN, wire weight 195.0 kg / km.  | km  | 110  | 110  |  |  |  |
| 826 | 023_UA00130926_0023 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire   | AC-35 wire                            | cable and wire products                        | Non-insulated steel-aluminum wire for overhead power lines. AC35 wire consists of a steel core and aluminum wires, which are twisted by a proper twist. The maximum allowable temperature of wires during operation should not exceed: + 90C. The electrical resistivity of the wire material at a temperature of 20 C - not more than 0.0283 Ohm mm2 / m - Temperature coefficient of electrical resistance at constant mass, 1 C 0.00403 - Time resistance to rupture - 160 195 MPa. | km  | 110  | 110  |  |  |  |
| 827 | 023_UA00130926_0024 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire     | wire SIP 5ng 4 * 50                   | cable and wire products                        | Self-supporting wire with aluminum conductive cores with a cross section of 50 mm2. Insulation - light-stabilized cross-linked polyethylene that does not spread combustion. Test voltage per pass - 3.5 kV. The wires are resistant to solar radiation with an intensity of at least 1120 W / m2 and are resistant to bending at a temperature of minus 40 ° C. Permissible temperature of heating of current-carrying cores of wires in a normal mode of operation of 90 ° C.        | km  | 60   | 40   |  |  |  |
| 828 | 023_UA00130926_0025 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire     | wire SIP 5ng 4 * 70                   | cable and wire products                        | Self-supporting wire with aluminum conductive cores with a cross section of 70 mm2. Insulation - light-stabilized cross-linked polyethylene that does not spread combustion. Test voltage per pass - 3.5 kV. Wires are resistant to solar radiation with an intensity of at least 1120 W / m2 and are resistant to bending at temperatures below minus 40 ° C. Permissible temperature of heating of current-carrying cores of wires in a normal mode of operation of 90 ° C.          | km  | 60   | 40   |  |  |  |
| 829 | 023_UA00130926_0026 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators         | SHF-20 insulator with caps            | Insulators                                     | Insulator linear pin porcelain. Rated voltage: 20 kV. Minimum mechanical destructive force: 13kN. Leakage path length not less than: 400 mm. Breakdown voltage not less: 110 kV. The insulator is equipped with a K-7 polyethylene cap.  | pcs | 6000 | 6000 |  |  |  |
| 830 | 023_UA00130926_0027 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators         | TF-20 insulator with caps             | Insulators                                     | Insulator linear pin porcelain. Rated voltage up to 1 kV. Destructive force not less: 8 kN. Leakage path length: 215 mm. Breakdown voltage not less: 46 kV. Electrical insulation resistance: 5x10 ^ 4 Mm. The insulator is equipped with a K-5 polyethylene cap.  | pcs | 4000 | 4000 |  |  |  |

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| 831 | 023_UA00130926_0028 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Transformer TMG 100/10 / 0,4 (or equivalent) | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 100 kVA Rated voltage HV: 10000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idle losses: 290 W Short-circuit losses : 2200 W Presence of float indicator of oil level Presence of safety valve Inputs and taps of neutral of LV winding should be selected for long-term load of current equal to 75% for transformers with wiring diagram Δ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.   | PCS | 10 | 10 |  |  |  |  |
| 832 | 023_UA00130926_0029 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | transformer TMG-160/10 / 0,4 (or equivalent) | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 160 kVA Rated voltage HV: 10000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idle losses: 400 W Short-circuit losses : 3100 W Presence of float indicator of oil level Presence of safety valve Inputs and taps of neutral of LV winding should be selected for long-term load of current equal to 75% for transformers with wiring diagram Δ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.   | PCS | 10 | 10 |  |  |  |  |
| 833 | 023_UA00130926_0030 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | transformer TMG-250/10 / 0,4 (or equivalent) | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 250 kVA Rated voltage HV: 10000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idle losses: 550 W Short-circuit losses : 4200 W Presence of float indicator of oil level Presence of safety valve Inputs and taps of neutral of LV winding should be selected for long-term load of current equal to 75% for transformers with the scheme of connection of windingsΔ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.  | PCS | 10 | 10 |  |  |  |  |
| 834 | 023_UA00130926_0031 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Transformers       | Transformer TMG 250/6 / 0,4 (or equivalent)  | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 250 kVA Rated voltage HV: 6000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idle losses: 550 W Short-circuit losses : 4200 W Presence of float indicator of oil level Presence of safety valve Inputs and taps of neutral of LV winding should be selected for long-term load of current equal to 75% for transformers with the scheme of connection of windingsΔ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.   | PCS | 5  |    |  |  |  |  |
| 835 | 023_UA00130926_0032 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Transformer TMG 400/6 / 0,4 (or equivalent)  | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 400 kVA Rated voltage HV: 6000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idling losses: 800 W Short-circuit losses : 5600 W Presence of contact terminals for low voltage linear inputs Presence of oil level float indicator Presence of safety valve Inputs and outputs of neutral winding LV should be selected for long-term current load equal to 75% for transformers with winding connection scheme Δun / Un voltage regulation (PBV) transformers must be equipped with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning. |     | 5  |    |  |  |  |  |
| 836 | 023_UA00130926_0033 | Equipment | Electrical | Equipment for 110/35/10 kV substations | Power transformers | Transformer TMG 400/10 / 0,4 (or equivalent) | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 400 kVA Rated voltage HV: 10000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idle losses: 800 W Short-circuit losses : 5600 W Presence of float indicator of oil level Presence of safety valve Inputs and taps of neutral of winding LV should be chosen for long-term loading of current equal to 75% for transformers with the scheme of connection of windingsΔ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.   | PCS | 5  |    |  |  |  |  |

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| 837 | 023_UA00130926_0034 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers                                    | Transformer TMG 630/6 / 0,4 (or equivalent) | Power transformer including: the active part, high-voltage and low-voltage bushings, oil conservator. | Transformer power oil tight. Rated power: 630 kVA Rated voltage HV: 6000 V Rated voltage LV: 400 V Diagram and vector group: Δ / Un-11 Type, range and number of stages of regulation: PBV ± 2x2.5% Idling losses: 1010 W Short-circuit losses : 8500 W Presence of contact terminals of low voltage linear inputs Presence of oil level float indicator Presence of safety valve Inputs and taps of neutral of LV winding should be selected for long-term load of current equal to 75% for transformers with winding connection scheme Δun / Un voltage regulation (PBV) transformers must be equipped with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 years from the date of delivery. Service life of at least 30 years from the date of commissioning.  | pcs | 3     |      |  |  |  |
| 838 | 023_UA00130926_0035 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations without transformers | KTP cabinets                                | complete power supply products  | according to the passport characteristics of the manufacturer   | pcs | 20    | 20   |  |  |  |
| 839 | 023_UA00130926_0036 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | GHSO 16 hook                                | ABC fittings  | It is used for a suspension of tension and supporting clamps on round support; fastened with IF, IL bandage tape. - H: 150 mm D: 16 mm - a: 25 mm - b: 6 mm - 8: 85 mm - C: 46 mm - g: 4 mm - Diameter of the weld rod: 16 mm - Permissible load Fx: 7300 H - Permissible load Fy: 3300 N - Weight: 710 g   | pcs | 4050  | 2700 |  |  |  |
| 840 | 023_UA00130926_0037 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | Anchor clamp GUKo1                          | ABC fittings  | Tension clamp for fastening of 4 cores of SIP. Wire cross section 4x (25-70) mm2. Minimum destructive load: 36.72 kN. Weight: 0.830 kg.   | pcs | 1440  | 960  |  |  |  |
| 841 | 023_UA00130926_0038 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | Clamp TTD 151                               | ABC fittings  | For lines with voltage: 0.38 kV Armature type: Connecting Cable type: Insulated - SIP / AsXn Purpose: Branch Conductor cross-section, mm²: 6-35, 16-95 Certificates: CE certification - European compliance.  | pcs | 12000 | 8000 |  |  |  |
| 842 | 023_UA00130926_0039 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | TTD 201FA clamp                             | ABC fittings  | Characteristics: • Resistant to short circuits (Class A, EN 50483-5). • Tested for dielectric stability in water (Class 1, EN 50483-4). • Tested for resistance to weather and climatic factors according to Method 1, EN 50483-6. • Degree of protection of the insulation puncture site - tight (tested with a voltage of 6 kV in water). • The insulation puncture force is controlled by a bolt with a polymer tear head. • Hard insulating plastic cap guarantees restoration of insulation of the end of the branch wire. • Contact plates lubricated with neutral lubricant, made of copper alloy. • Provides the possibility of live installation. • It is possible to hold the clamp during installation with a hex key. After breaking the head, it is possible to dismantle the clamp. • The TTD ... GP model is equipped with an additional cap for wiring. • Model TTD ... F12TA has a built-in TURBO option, which allows you to keep the clamp open during installation. • Installation temperature from -25 to +50 ° C. | pcs | 1950  | 1300 |  |  |  |
| 843 | 023_UA00130926_0040 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | MJPT 50 clamp is connecting                 | ABC fittings  | For power lines: 0.38kV Fitting type: Tips and sleeves Cable type: Bare Purpose: Connector Conductor cross section, mm²: 50   | pcs | 1950  | 1300 |  |  |  |
| 844 | 023_UA00130926_0041 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | PSP 122 TRA clamp                           | ABC fittings  | Wire cross section: 2/4 (16-120) mm2. Minimum destructive load: 18.0 kN. Maximum destructive load: 20.0 kN. φ max. hail: 60. H: 70 mm. Ø 22 mm. Weight: 0.255 kg.   | pcs | 2400  | 1600 |  |  |  |
| 845 | 023_UA00130926_0042 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | bandage tape                                | ABC fittings  | Tape width: 20 mm. Tape thickness: 0.7 mm. Minimum destructive load: 9.3 kN. Quantity in packing: 50 m. Weight: 5,800 kg.   | m   | 12000 | 8000 |  |  |  |
| 846 | 023_UA00130926_0043 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | SIP linear fittings                                   | bracket for a bandage tape                  | ABC fittings  | Paper clip for fixing the tape. Material: stainless steel. steel.   | pcs | 12000 | 8000 |  |  |  |
| 847 | 023_UA00130926_0044 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses   | Fuse PN-22-100-00 UHLZ 100A copper          | fuse  | Rated voltage 0.4 kV. Rated current 100 A. Material of knives (contacts) of fusible inserts: electrotechnical copper with a galvanic covering; Complete set: Fusible insert;  | pcs | 450   | 450  |  |  |  |
| 848 | 023_UA00130926_0045 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses   | Fuse PN-22-200-00 UHLZ 160A copper          | fuse  | Rated voltage 0.4 kV. Rated current 160 A. Material of knives (contacts) of fusible inserts: electrotechnical copper with a galvanic covering; Complete set: Fusible insert;  | pcs | 600   | 600  |  |  |  |
| 849 | 023_UA00130926_0046 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses   | Fuse PN-22-250-00 UHLZ 250A copper          | fuse  | Rated voltage 0.4 kV. Rated current 250 A. Material of knives (contacts) of fusible inserts: electrotechnical copper with a galvanic covering; Complete set: Fusible insert;  | pcs | 600   | 600  |  |  |  |
| 850 | 023_UA00130926_0047 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses   | Fuse PT-011-10-16-31,5 U3 brass             | fuse  | Rated voltage - 10 kV, maximum operating voltage - 12 kV, rated current - 16 A, rated frequency - 50 Hz, rated current tripping - 31.5 kA, minimum tripping current - 160 A, power loss - 40 W. The complete set of fuses includes: - Replaceable fuse element (non-ferrous metal caps).  | pcs | 600   | 600  |  |  |  |

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| 851 | 023_UA00130926_0048 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses            | Fuse PT-011-10-20-31,5 U3 brass    | fuse   | Rated voltage - 10 kV, maximum operating voltage - 12 kV, rated current - 20 A, rated frequency - 50 Hz, rated current tripping - 31.5 kA, minimum tripping current - 200 A, power loss - 45 W. The complete set of fuses includes: - Replaceable fuse element (non-ferrous metal caps).   | pcs | 450  | 450  |  |  |  |  |
| 852 | 023_UA00130926_0049 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Fuses            | Fuse PT-011-10-31,5-31,5 U3 brass  | fuse   | Rated voltage - 10 kV, maximum operating voltage - 12 kV, rated current - 31.5 A, rated frequency - 50 Hz, rated current tripping - 31.5 kA, minimum tripping current - 315 A, power loss - 75 W.U The complete set of delivery of fuses includes: - The replaceable fusible element (caps from non-ferrous metal).  | pcs | 450  | 450  |  |  |  |  |
| 853 | 023_UA00130926_0050 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers | automatic switches 160A            | Number of poles: 3 pcs Maximum breaking capacity 25 kA. Switching wear resistance of at least 1500 cycles. The type of maximum release is electromagnetic and thermal. | Number of poles: 3 pcs Rated current 160 A. Rated AC voltage 380 V. Maximum breaking capacity 25 kA. Switching wear resistance of at least 1500 cycles. The type of maximum release is electromagnetic and thermal. Characteristic for disconnection C (or setting of the maximum release 12 inom). Operating temperature range from -25 ° C to + 40 ° C. Drive - manual.  | pcs | 550  | 550  |  |  |  |  |
| 854 | 023_UA00130926_0051 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers | automatic switches 200A            | Number of poles: 3 pcs Maximum breaking capacity 25 kA. Switching wear resistance of at least 1500 cycles. The type of maximum release is electromagnetic and thermal. | Number of poles: 3 pcs Rated current 200 A. Rated AC voltage 380 V. Maximum breaking capacity 25 kA. Switching wear resistance of at least 1500 cycles. The type of maximum release is electromagnetic and thermal. Characteristic for disconnection C (or setting of the maximum release 12 inom). Operating temperature range from -25 ° C to + 40 ° C. Drive - manual.  | pcs | 550  | 550  |  |  |  |  |
| 855 | 023_UA00130926_0052 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports         | riser SV 9.5                       | support of power lines   | Length - 9.5 m. Operating temperature range - 30 to + 40 ° C. The material of the supports is prestressed vibrated reinforced concrete. Certificate of conformity - meet the mandatory requirements of DSTU B B.2.6-2: 2009 "Structures of buildings and structures. Concrete and reinforced concrete products. General specifications". Estimated bending moment 2.0 ts / m. Concrete class B-30. Concrete grade - 400. .   | pcs | 2000 | 1000 |  |  |  |  |
| 856 | 023_UA00130926_0053 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports         | riser SV 10.5                      | support of power lines   | Length - 10.5 m. Operating temperature range -30 to + 40 ° C. The material of the supports is prestressed vibrated reinforced concrete. Certificate of conformity - meet the mandatory requirements of DSTU B B.2.6-2: 2009 "Structures of buildings and structures. Concrete and reinforced concrete products. General specifications". Estimated bending moment 5.0 ts / m. Concrete class B-30. Concrete grade - 400. .   | pcs | 2000 | 1000 |  |  |  |  |
| 857 | 023_UA00130926_0054 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Supports         | stand SC 22                        | support of power lines   | SC 22-4.2.0 (1) conical centrifuged riser D1 (diameter), mm. 440 L (length), mm. 22600 Product type: SC Concrete volume, cubic meters: 2.012 Weight, kg: 5600  | pcs | 50   | 50   |  |  |  |  |
| 858 | 023_UA00130926_0055 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling STp 4-1-1 (35-50 mm2)     | Cable coupling   | Connecting cable sleeve for 4-core cables for voltages up to 1 kV with a cross section of 35-50 mm2. Operating temperature range from -50 ° C + 50 ° C. Climatic performance UHL 1.5. Rated AC voltage with a frequency of 50 Hz - 1kV. Couplings for cables with copper and aluminum cores (both solid and multi-wire), as well as with lead and aluminum sheath, with or without armor. No release of environmentally harmful substances during the installation of couplings and operation. Couplings must be resistant to mechanical loads while tested for heating and cooling cycles, including in emergency mode. Presence in connecting couplings of sleeves with 4 bolts which heads break. Couplings must have one solid housing for sealing the coupling. The presence of a phase filler. The service life of the coupling is not less than the service life of the cable (30 years).   | pcs | 5    |      |  |  |  |  |
| 859 | 023_UA00130926_0056 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling STp 4-2-1 (70-120mm2)     | Cable coupling   | Connecting cable sleeve for 4-core cables for voltages up to 1 kV with a cross section of 70-120 mm2. Operating temperature range from -50 ° C + 50 ° C. Climatic performance UHL 1.5. Rated AC voltage with a frequency of 50 Hz - 1kV. Couplings for cables with copper and aluminum cores (both solid and multi-wire), as well as with lead and aluminum sheath, with or without armor. No release of environmentally harmful substances during the installation of couplings and operation. Couplings must be resistant to mechanical loads while tested for heating and cooling cycles, including in emergency mode. Presence in connecting couplings of sleeves with 4 bolts which heads break. Couplings must have one solid housing for sealing the coupling. The presence of a phase filler. The service life of the coupling is not less than the service life of the cable (30 years).  | pcs | 15   |      |  |  |  |  |
| 860 | 023_UA00130926_0057 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings  | Coupling STp 4-3-1 (150-240-50mm2) | Cable coupling   | Connecting cable sleeve for 4-core cables for voltages up to 1 kV with a cross section of 150-240 mm2. Operating temperature range from -50 ° C + 50 ° C. Climatic performance UHL 1.5. Rated AC voltage with a frequency of 50 Hz - 1kV. Couplings for cables with copper and aluminum cores (both solid and multi-wire), as well as with lead and aluminum sheath, with or without armor. No release of environmentally harmful substances during the installation of couplings and operation. Couplings must be resistant to mechanical loads while tested for heating and cooling cycles, including in emergency mode. Presence in connecting couplings of sleeves with 4 bolts which heads break. Couplings must have one solid housing for sealing the coupling. The presence of a phase filler. The service life of the coupling is not less than the service life of the cable (30 years). | pcs | 5    |      |  |  |  |  |

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| 861 | 023_UA00130926_0058 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling STp 3-1-10 (35-50 mm2)  | Cable coupling | Connecting heat-shrinkable couplings for three-core cables with paper oil impregnating insulation armored and non-armored with a cross section of 35-50 mm2 for voltages up to 10 kV. Operating temperature range from -50 ° C to + 50 ° C. Climatic performance UHL 1, UHL 5. Confirmed by a passport (complete list) installation instructions, test report. Rated AC voltage with a frequency of 50 Hz - 10 kV. Long-term temperature of heating of cable cores at nominal loading no more than 70 ° C. The set includes connecting sleeves with 4 bolts with detachable heads. Alloy locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar notches. The screen material of the coupling is made of aluminum tape or copper tinned mesh. The presence of a spacer with sealant applied to it, the interfacial space is filled with polymeric material or mastic. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a kit for soldering the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves.     | pcs | 10 |  |  |  |  |  |
| 862 | 023_UA00130926_0059 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling STp 3-2-10 (70-120mm2)  | Cable coupling | Connecting heat-shrinkable couplings for three-core cables with paper oil impregnating insulation armored and non-armored with a cross section of 70-120 mm2 for voltages up to 10 kV. Operating temperature range from -50 ° C to + 50 ° C. Climatic performance UHL 1, UHL 5. Confirmed by a passport (complete list) installation instructions, test report. Rated AC voltage with a frequency of 50 Hz - 10 kV. Long-term temperature of heating of cable cores at nominal loading no more than 70 ° C. The set includes connecting sleeves with 4 bolts with detachable heads. Alloy locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar notches. The screen material of the coupling is made of aluminum tape or copper tinned mesh. The presence of a spacer with sealant applied to it, the interfacial space is filled with polymeric material or mastic. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a set for soldering to the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves. | pcs | 20 |  |  |  |  |  |
| 863 | 023_UA00130926_0060 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling STp 3-3-10 (150-240mm2) | Cable coupling | Connecting heat-shrinkable couplings for three-core cables with paper oil impregnating insulation armored and non-armored with a cross section of 150-240 mm2 for voltages up to 10 kV. Operating temperature range from -50 ° C to + 50 ° C. Climatic performance UHL 1, UHL 5. Confirmed by a passport (complete list) installation instructions, test report. Rated AC voltage with a frequency of 50 Hz - 10 kV. Long-term temperature of heating of cable cores at nominal loading no more than 70 ° C. The set includes connecting sleeves with 4 bolts with detachable heads. Alloy locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar notches. The screen material of the coupling is made of aluminum tape or copper tinned mesh. The presence of a spacer with sealant applied to it, the interfacial space is filled with polymeric material or mastic. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a kit for soldering the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves.   | pcs | 15 |  |  |  |  |  |



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| 864 | 023_UA00130926_0061 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling KVTP 4-2-1 (70-120 mm2)  | Cable coupling | Terminal heat-shrinkable cable couplings for voltages up to 1 kV are designed for repair of aluminum and copper four-core cables with solid and multi-wire conductors for voltages up to 1 kV with impregnated paper insulation in a metal sheath, section 70-120 mm. Climatic performance UHL 1, UHL 5.<br>Confirmed by a passport (complete list) installation instructions, test report. The set includes tips with two bolts with detachable heads. Tip material: an alloy that provides a secure connection between copper and aluminum cable cores (silumin and other soft alloy lugs are not offered). The outer surface of the tips: smooth without sharp edges and burrs (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar notches to increase the contact area. No release of environmentally harmful substances during the installation of couplings and operation. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a set for soldering to the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves.   | pcs | 20 |  |  |  |  |  |  |
| 865 | 023_UA00130926_0062 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling KVTP 4-3-1 (150-240 mm2) | Cable coupling | Terminal heat-shrinkable cable couplings for voltages up to 1 kV are designed for repair of aluminum and copper four-core cables with solid and multi-wire conductors for voltages up to 1 kV with impregnated paper insulation in a metal sheath, section 150-240. Climatic performance UHL 1, UHL 5.<br>Confirmed by a passport (complete list) installation instructions, test report. The set includes tips with two bolts with detachable heads. Tip material: an alloy that provides a secure connection between copper and aluminum cable cores (silumin and other soft alloy lugs are not offered). The outer surface of the tips: smooth without sharp edges and burrs (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar notches to increase the contact area. No release of environmentally harmful substances during the installation of couplings and operation. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a kit for soldering the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves.  | pcs | 15 |  |  |  |  |  |  |
| 866 | 023_UA00130926_0063 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV | Cable couplings | Coupling KNTP 3-2-10 (70-120 mm2) | Cable coupling | Terminal shrink cable couplings for 10 kV are designed for repair of aluminum and copper three-core cables with solid and multi-wire conductors for 6-10 kV with impregnated paper insulation in a metal sheath, section 70-120 mm2. Operating temperature range from - 50 ° C to + 50 ° C. Climatic performance UHL 1, UHL 5. Confirmed by a passport (complete list) installation instructions, test report. Rated AC voltage with a frequency of 50 Hz - 10 kV. The permissible heating temperature of the cable cores for a long time at a nominal load of not more than 70 ° C. The maximum allowable temperature of heating of cores at through short-circuit currents (short circuit) no more than 200 ° C. The set includes tips with two bolts with detachable heads. Tip material: an alloy that provides a secure connection between copper and aluminum cable cores (silumin and other soft alloy lugs are not offered). The outer surface of the tips: smooth without sharp edges and burrs (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar notches to increase the contact area. No release of environmentally harmful substances during the installation of couplings and operation. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a kit for soldering the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves. | pcs | 20 |  |  |  |  |  |  |

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| 867 | 023_UA00130926_0064 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV       | Cable couplings            | Coupling kVTP 3-3-10 (150-240 mm2)                               | Cable coupling   | Terminal heat-shrinkable cable couplings for 10 kV are designed for repair of aluminum and copper three-core cables with solid and multi-wire conductors for 6-10 kV with impregnated paper insulation in a metal sheath, section 150-240 mm2. Operating temperature range from - 50 ° C to + 50 ° C. Climatic performance UHL 1, UHL 5. Confirmed by a passport (complete list) installation instructions, test report.<br>Rated AC voltage with a frequency of 50 Hz - 10 kV. The permissible heating temperature of the cable cores for a long time at a nominal load of not more than 70 ° C. The maximum allowable temperature of heating of cores at through short-circuit currents (short circuit) no more than 200 ° C. The set includes tips with two bolts with detachable heads. Tip material: an alloy that provides a secure connection between copper and aluminum cable cores (silumin and other soft alloy lugs are not offered). The outer surface of the tips: smooth without sharp edges and burrs (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar notches to increase the contact area. No release of environmentally harmful substances during the installation of couplings and operation. Grater material: hard aluminum alloy or tinned copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a set for soldering to the cable armor. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring end: rounded. The set of the clutch includes cotton gloves. | PCS | 15     |        |  |  |  |
| 868 | 023_UA00130926_0065 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV       | cable                      | ASB 10 3 * 120 cable   | power cable  | Three-core power cable, core material - aluminum, sheath - lead, protective cover - paper. Section - 120 mm2. Number of cores - 3. Operating voltage 10kV.   | km  | 0,5    |        |  |  |  |
| 869 | 023_UA00130926_0066 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV       | cable                      | ASB 10 3 * 240 cable   | power cable  | Three-core power cable, core material - aluminum, sheath - lead, protective cover - paper. Section - 240 mm2. Number of cores - 3. Operating voltage 10 kV.  | km  | 0,5    |        |  |  |  |
| 870 | 023_UA00130926_0067 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV       | cable                      | Cable AVBbShv 4 * 120  | power cable  | Power cable with aluminum cores with a cross section of 120 mm2, with polyvinyl chloride insulation for a voltage of 1 kV. The cable is used for the transmission of electrical energy in stationary installations at a voltage of 1 kV and is intended for operation at temperatures from -50 ° C to + 50 ° C. Permissible temperature of heating of veins of 70 ° C.   | km  | 0,5    |        |  |  |  |
| 871 | 023_UA00130926_0068 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV       | cable                      | Cable AVBbShv 4 * 240  | power cable  | Power cable with aluminum cores with a cross section of 240 mm2, with polyvinyl chloride insulation for a voltage of 1 kV. The cable is used for the transmission of electrical energy in stationary installations at a voltage of 1 kV and is intended for operation at temperatures from -50 ° C to + 50 ° C. Permissible temperature of heating of veins of 70 ° C.   | km  | 0,5    |        |  |  |  |
| 872 | 023_UA00130926_0069 | Equipment        | Electrical | Computer networks                                 | Telecommunications         | StarLink satellite internet station                              | kit  | StarLink satellite internet station  | pcs | 27     | 27     |  |  |  |
| 873 | 023_UA00130926_0070 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants        | Generator with a capacity of 40 kW                               | Diesel generator with a capacity of 40 kW                        | Generator power 40 kW Voltage: 220/380 V Frequency 50 Hz Number of phases: 3   | pcs | 2      | 2      |  |  |  |
| 874 | 023_UA00130926_0071 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants        | The generator is single-phase with a capacity of at least 2.8 kW | petrol single-phase generator with a capacity of at least 2.8 kW | Generator power 2,8 kW Voltage: 220 V Frequency 50 Hz Number of phases: 1  | pcs | 20     | 20     |  |  |  |
| 875 | 023_UA00130926_0072 | Equipment        | Electrical | Means of dispatching and technological management | Means of telecommunication | Stationary VHF radio   | Stationary VHF radio   | walkie-talkie portable with coverage up to 50 km   | PCS | 60     | 60     |  |  |  |
| 876 | 023_UA00130926_0073 | Equipment        | Mechanical | Devices and tools                                 | Chainsaws                  | chainsaws STIHL MS 231   | chainsaws STIHL MS 231   | power 2.0 / 2.7 kW / hp  | PCS | 40     | 40     |  |  |  |
| 877 | 023_UA00130926_0074 | Energy resources | liquid     | Fuels and lubricants                              | petrol                     | A92 petrol   | Fuel   | A92 petrol   | l   | 100000 | 100000 |  |  |  |
| 878 | 023_UA00130926_0075 | Energy resources | liquid     | Fuels and lubricants                              | petrol                     | A95 petrol   | Fuel   | A95 petrol   | l   | 7000   | 7000   |  |  |  |
| 879 | 023_UA00130926_0076 | Energy resources | liquid     | Fuels and lubricants                              | Diesel fuel                | Diesel fuel  | -  | -  | l   | 40000  | 40000  |  |  |  |
| 880 | 023_UA00130926_0077 | Energy resources | liquid     | Fuels and lubricants                              | Diesel automobile oils     | Olive 100M   | Car oil  | Olive 100M   | l   | 2000   | 2000   |  |  |  |
| 881 | 023_UA00130926_0078 | Energy resources | liquid     | Fuels and lubricants                              | Petroleum automobile oils  | Oil 10W40 SG / CD  | Car oil  | Oil 10W40 SG / CD  | l   | 1800   | 1800   |  |  |  |
| 882 | 023_UA00130926_0079 | Energy resources | liquid     | Fuels and lubricants                              | Petroleum automobile oils  | Olive 10W40 Delvac   | Car oil  | Olive 10W40 Delvac   | l   | 200    | 200    |  |  |  |
| 883 | 023_UA00130926_0080 | Energy resources | liquid     | Fuels and lubricants                              | Diesel automobile oils     | Olive M10G2K   | Diesel automobile oil  | Olive M10G2K   | l   | 2000   | 2000   |  |  |  |
| 884 | 023_UA00130926_0081 | Energy resources | liquid     | Fuels and lubricants                              | Hydraulic fluid            | BMF3   | Hydraulic fluid  | BMF3   | l   | 2000   | 2000   |  |  |  |

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|-----|---------------------|--------------------|------------|---|-------------------------------|---------------------------------------|--|---|-----|------|------|--|--|--|
| 885 | 023_UA00130926_0082 | Equipment          | Mechanical | Machinery   | Transport vehicles            | Brigade van (IVECO Daily55S18 4x4)    | IVECO Daily55S18 chassis and Brigade van.  | Double cabin (6 + 1 seats), workshop van, 4x4 all-wheel drive chassis   | pcs | 3    | 3    |  |  |  |
| 886 | 023_UA00130926_0083 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Gas masks                             | Gas mask included: full-face panoramic mask with a filter combined small size  | Gas mask included: full-face panoramic mask (with mask, headband, adjustable straps and intercom, which protects the respiratory system, skin and eyes from exposure to toxic substances contained in gases, vapors and aerosols (dust, smoke, fog) , with the possibility of operation of the mask by people who wear glasses) and a filter combined small size (without the use of corrugated tubes) 2nd protection class (A1V1E1K2S0155XP3D).            | pcs | 3000 | 1670 |  |  |  |
| 887 | 023_UA00130926_0084 | Equipment          | Electrical | Means of dispatching and technological management | Means of telecommunication    | Wearable VHF radios                   | ICOM IC-F16 or similar   | 136-174 MHz, 5 W.   | pcs | 100  | 45   |  |  |  |
| 888 | 023_UA00130926_0085 | Equipment          | Electrical | Civil protection equipment                        | Backup power plants           | Diesel generator - 9-10 kW            | Diesel generator KS 14-1DE ATSR  | Voltage 230 V, Power max. 11.0 kW, Rated power 10.5 kW, Engine power 21 hp, Fuel tank capacity 30 l, Oil sump volume 2.8 l, Frequency 50 Hz   | pcs | 3    | 4    |  |  |  |
| 889 | 023_UA00130926_0086 | Equipment          | Electrical | Civil protection equipment                        | Backup power plants           | Petrol units - 6.5 kW                 | petrol generator KS 7000E  | Maximum power 5.5 kW, Rated power 5.0 kW, Engine power 13 hp, Fuel type petrol, Fuel tank capacity 25 l, Voltage 230 V, Frequency 50 Hz   | pcs | 11   | 5    |  |  |  |
| 890 | 023_UA00130926_0087 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Body armor                            | Disi Pancer body armor   | Protection class not lower than 3   | pcs | 500  | 500  |  |  |  |
| 891 | 023_UA00130926_0088 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Kevlar helmet                         | Kevlar bulletproof helmet "Helmet-1M", Temp 3000   | Protection class not lower than 3   | pcs | 500  | 500  |  |  |  |
| 892 | 023_UA00130926_0089 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Thermos                               | Heat retention: 12 h Cold retention: 12 h Country of origin: China Thermos type: thermos Material: stainless steel, plastic Dimensions and weight Volume: 1.8 l Height: 34 cm Diameter: 10.8 cm Additional information Cover type: valve Color of the producer: stainless steel Purpose: universal Packing: box ... More on epicentrk.ua <a href="https://epicentrk.ua/shop/termos-classic-1800-ml-up-underprice.html">https://epicentrk.ua/shop/termos-classic-1800-ml-up-underprice.html</a> | thermos   | pcs | 500  | 500  |  |  |  |
| 893 | 023_UA00130926_0090 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Rechargeable lanterns                 | Flashlight Bailong Police P512-HP50  | Battery power   | pcs | 200  | 100  |  |  |  |
| 894 | 023_UA00130926_0091 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Rechargeable lanterns                 | 550 Trio   | Light intensity - 550 lumens, beam range - 600 m, number of LEDs - 3 (white light), Li-ion battery 3.7 V. Battery capacity - 4.5 A / h, continuous operation time from one full charge - 7 hours, three operating modes - at full power; at half power; in flash mode., housing protection level - IP 54 (waterproof). • Level of protection against falls from a height with an unlimited number of positions without damage - 1.5 m (rubberized housing). | pcs | 50   | 50   |  |  |  |
| 895 | 023_UA00130926_0092 | Humanitarian needs | Food       | Civil protection equipment                        | Food                          | Dry cakes (daily set of dry products) | The composition includes rice porridge with chicken, borsch with beef, stewed potatoes with vegetables and pork, barley porridge with beef, biscuits x3, rye flour crackers x1, instant coffee x1, black tea x2, sugar x3, pepper x1, salt x3, spoon, plastic x3, napkin x3, wet napkin x3   | Ukrainian daily dry food. Designed for food for 24 hours. Conveniently divided into three parts - breakfast, lunch and dinner   | pcs | 8000 | 6500 |  |  |  |
| 896 | 023_UA00130926_0093 | Humanitarian needs | Protection | Civil protection equipment                        | Tactical first aid kits       | Medical first aid kit (tactical)      | 1. Turnstile Python-2 - 2 pcs 2. Bandage bandage - 1 pcs 3. Hemostatic bandage - 1 pcs 4. Hemostatic compression bandage - 1 pcs 5. Occlusive dressing - 1 pcs 6. Adjustable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Thermal cover - 1 pcs 10. Nitrile gloves - 1 pair. 11. Marker for applying information - 1 pcs   | First aid kit individual first level  | pcs | 1000 | 600  |  |  |  |
| 897 | 023_UA00130926_0094 | Humanitarian needs | Protection | Civil protection equipment                        | Personal protection equipment | Individual chemical packages          | It is recommended to use 4 packages to provide one person.   | Individual anti-chemical package IPP-11 is designed for the prevention of skin-resorptive lesions of liquid-liquid toxic and emergency-hazardous substances through exposed skin, as well as for degassing these substances on human skin and clothing and tools in temperatures from -20 ° C to + 50 ° C. If applied to the skin prematurely, the protective effect lasts for 24 hours.  | pcs | 3000 | 2400 |  |  |  |

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| 898 | 023_UA00130926_0095 | Equipment | Mechanical | Protective equipment and devices | Wiring tools | Insulating tool   | screwdriver slot, screwdriver cross, pliers, pliers, wrench set  | single or double layer insulation; moisture-resistant, oil-and-gas-resistant, non-brittle and non-slip insulation; distance between strings - at the top 350 mm and at the base 530 mm ; horn keys 8-24 | set | 20  | 20 |  |  |  |  |  |
| 899 | 023_UA00130926_0096 | Equipment | Electrical | Protective equipment and devices | Lanterns     | Rechargeable flashlight   | lantern, batteries, charger  | body - plastic; charging from 220V; protection against moisture; LEDs in the front and side parts; lighting range - 100 m ; continuous operation time - 20 hours  | pcs | 50  | 20 |  |  |  |  |  |
| 900 | 023_UA00130926_0097 | Equipment | Mechanical | Protective equipment and devices | Goggles      | Goggles   | goggles, strap, anti-fog film  | closed goggles with indirect ventilation; transparent; lens material - polycarbonate; anti-scratch coating; weight - 0.5 kg.  | pcs | 100 | 70 |  |  |  |  |  |
| 901 | 023_UA00130926_0098 | Equipment | Mechanical | instrument                       | instrument   | Wrench  | Characteristics Country of registration of the brand: Germany Main characteristics Bosch 0603903006 Price: 1 892 € / pcs Brand: Bosch Type of screwdriver: cordless Tool purpose: household Operating mode: drilling, screwing Number of speeds: 2 Number of positions of the clutch torque: 15 mm Speed control: electronic First gear speed: 450 rpm Maximum speed (idling): 1650 rpm bore diameter: 6 mm Battery Voltage: 12,0 V Battery capacity: 1.5 A · h Battery type: Li-ion Number of batteries: 1 Power Supply voltage: 12 V ...   | Rechargeable  | pcs | 200 |    |  |  |  |  |  |
| 902 | 023_UA00130926_0099 | Equipment | Mechanical | instrument                       | instrument   | Perforator  | Characteristics Main characteristics Bosch 0603393122 Price: 2 977 p / pcs Brand: Bosch Power type: mains Purpose of tool: household Power: 730 W Type of cartridge: SDS-plus Layout: horizontal Operating mode: 3 (drilling, drilling with impact, chiselling) Quantity speeds: 6 Speed control: by pressing the start button, fixing with a roller switch Maximum speed (idling): 1450 rpm impact frequency: 4000 beats / min Impact energy: 2.7 J Maximum drilling diameter in wood: 30 mm Maximum diameter of drilling in metal: 13 mm Maximum diameter of drilling in concrete: 26 mm Maximum diameter of drilling with a hollow crown: 68 mm Power Supply voltage: 220 V Additional information Mains cable length: 2 m Impact mechanism: pneumatic Warranty: 24 months. Additional warranty: 12 months. after registration Country of manufacture: China.   | Rechargeable  | pcs | 100 |    |  |  |  |  |  |
| 903 | 023_UA00130926_0100 | Equipment | Mechanical | Protective equipment and devices | Wiring tools | Angle grinder   | Characteristics Bulgarian Baltic 21V 5000 mAh BAG2125BM (78849) Supply voltage 21 V Warranty 12 months. Packing suitcase plastic Type of battery power Battery capacity 5.0 A · h Power 2500 and more W Speed control by pressing the start button Maximum speed (idling) 8500 rpm 8500 rpm Minimum speed (idling) 1000 Battery type Li- ion Number of additional handle installation positions 2 Electronic battery systems Overload protection, battery charge indicator Disc diameter 125 mm Additional characteristics Battery voltage: 21 V Battery type: Lithium-ion (1 battery) Capacity: 5000 mA / h Disc diameter: 125 mm Idling speed: 1000-3000-4500-8500 rpm Additionally: switch with locking function, spindle lock button, quick-change protective cover, charge indicator, quick battery replacement, case, 5-disc rubberized handle, complete plastic case, 5 disks, instruction, charger, battery 1pcs Brand Other Country of manufacture China Number of batteries 1 Quantity two-handed handles Purpose of the tool household Power 2500 W ... | Rechargeable  | pcs | 200 |    |  |  |  |  |  |
| 904 | 023_UA00130926_0101 | Equipment | Mechanical | instrument                       | instrument   | Welding machine   | Characteristics Main characteristics DWT MMA-200 I Price: 3 317.40 € / pcs Functionality: manual arc welding (MMA) Maximum welding current: 200 A Minimum welding current: 30 A Minimum electrode diameter: 2.5 mm Maximum electrode diameter: 3.2 mm Power Supply voltage: 220 V Rated power consumption: 7.5 kW Technical features Idle voltage: 59 V Switching duration (TV): 60% Output current: constant (DC) Technical features: "hot" start, overheat protection Features: forced air cooling Additional information Limits of change of voltage of the network: 10% efficiency: 80% Weight: 5,1 kg Brand: DWT Country of origin: Germany Warranty: 24 months. Complete set Complete set: a welding cable with a clamp of weight, a welding cable with an electroholder Packing: a cardboard box.   | Electric arc  | pcs | 200 |    |  |  |  |  |  |
| 905 | 088_UA42795490_0001 | Equipment | Mechanical | General construction             | Sheet piling | Larsen sheet pile with equipment for their installation             | 1. Larsen sheet pile LSUM 2. Vibration sink for sheet piles  | 1. Standard size of sheet piling LSUM 2. (Characteristics of the vibrating submersible / dredging machine needs clarification)  | mr  | 60  |    |  |  |  |  |  |
| 906 | 088_UA42795490_0002 | Equipment | Gas        |                                  | 0            | Locking rubber bullet for pipeline                                  | 0  | 0   | pcs | ?   |    |  |  |  |  |  |
| 907 | 088_UA42795490_0003 | Equipment | Mechanical | Devices and tools                | Bandage      | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN100 | kit  | Nominal diameter DN100 Pressure up to 80 bar  | kit | 5   |    |  |  |  |  |  |
| 908 | 088_UA42795490_0004 | Equipment | Mechanical | Devices and tools                | Bandage      | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN150 | Kit  | Nominal diameter DN150 Pressure up to 80 bar  | kit | 5   |    |  |  |  |  |  |

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| 909 | 088_UA42795490_0005 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN200  | Kit  | Nominal diameter DN200 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 910 | 088_UA42795490_0006 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN250  | Kit  | Nominal diameter DN250 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 911 | 088_UA42795490_0007 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN300  | Kit  | Nominal diameter DN300 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 912 | 088_UA42795490_0008 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN350  | Kit  | Nominal diameter DN350 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 913 | 088_UA42795490_0009 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN400  | Kit  | Nominal diameter DN400 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 914 | 088_UA42795490_0010 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN500  | Kit  | Nominal diameter DN500 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 915 | 088_UA42795490_0011 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN700  | Kit  | Nominal diameter DN700 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 916 | 088_UA42795490_0012 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN800  | Kit  | Nominal diameter DN800 Pressure up to 80 bar   | kit | 5  |  |  |  |  |
| 917 | 088_UA42795490_0013 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN1000 | Kit  | Nominal diameter DN1000 Pressure up to 80 bar  | kit | 5  |  |  |  |  |
| 918 | 088_UA42795490_0014 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN1200 | Kit  | Nominal diameter DN1200 Pressure up to 80 bar  | kit | 5  |  |  |  |  |
| 919 | 088_UA42795490_0015 | Equipment | Mechanical | Devices and tools   | Bandage                     | Emergency kits "STOPKIT 50" to eliminate leaks under pressure DN1400 | Kit  | Nominal diameter DN1400 Pressure up to 80 bar  | kit | 5  |  |  |  |  |
| 920 | 088_UA42795490_0016 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN350   | Kit  | Nominal diameter DN350 Pressure up to 75 bar   | kit | 3  |  |  |  |  |
| 921 | 088_UA42795490_0017 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN400   | Kit  | Nominal diameter DN400 Pressure up to 75 bar   | kit | 3  |  |  |  |  |
| 922 | 088_UA42795490_0018 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN500   | Kit  | Nominal diameter DN500 Pressure up to 75 bar   | kit | 3  |  |  |  |  |
| 923 | 088_UA42795490_0019 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN700   | Kit  | Nominal diameter DN700 Pressure up to 75 bar   | kit | 3  |  |  |  |  |
| 924 | 088_UA42795490_0020 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN800   | Kit  | Nominal diameter DN800 Pressure up to 75 bar   | kit | 3  |  |  |  |  |
| 925 | 088_UA42795490_0021 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN1000  | Kit  | Nominal diameter DN1000 Pressure up to 75 bar  | kit | 3  |  |  |  |  |
| 926 | 088_UA42795490_0022 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN1200  | Kit  | Nominal diameter DN1200 Pressure up to 75 bar  | kit | 3  |  |  |  |  |
| 927 | 088_UA42795490_0023 | Equipment | Mechanical | Devices and tools   | Emergency couplings         | Emergency clutch DN1400  | Kit  | Nominal diameter DN1400 Pressure up to 75 bar  | kit | 3  |  |  |  |  |
| 928 | 088_UA42795490_0024 | Equipment | Electrical | Welding and cutting | Plasma cutting installation | Installation (machine) for plasma cutting of pipes                   | 1. Plasma cutting machine TOMAHAWK 1538 (complete set: sleeve not less than 12 m long; electrode 180 pcs, nozzle 100A - 40 pcs, nozzle 80A - 50 pcs, nozzle 60A - 80 pcs, nozzle 40A - 50 pcs, nozzle for gouging - 20 pcs, protective cap - 6 pcs, protective cap for indented cutting - 6 pcs, protective cap for gouging - 4 pcs, contact tip - 10 pcs, gas diffuser - 9 pcs, retaining cap - 4 pcs, air filter, filter cartridge - 5 pcs, insulation kit - 2 pcs) 2. Air compressor 3. Orbital machine for plasma cutting of pipes with a diameter of 457-1524 mm 4. Diesel generator 12-13 kVA, 380 V | 1. Thickness of a cut (low-carbon steel), not less, 30 mm, supply voltage 380 V 2. Productivity of the compressor on air, not less, 300 l / min, working pressure (air), not less, 8 bar, supply voltage 380 V or 220 V. 3. For pipes with a diameter of 457-1524 mm, supply voltage, no more, 36 V (adapter 220 V) 4. Full power - 12-13 kVA, H \ voltage 380 | kit | 30 |  |  |  |  |
| 929 | 088_UA42795490_0025 | Equipment | Gas        |                     | 0                           | Machine for plasma cutting of pipes                                  | Air compressor   | Productivity (air) - not less than 300 l / min, working pressure (air) - not less than 8 bar, supply voltage - 380V or 220V  | pcs | 30 |  |  |  |  |

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|-----|---------------------|-----------|------------|-------------------|---------------------------|---|---|---|-----|------|--|--|--|--|--|
| 930 | 088_UA42795490_0026 | Equipment | Gas        |                   | 0                         | Machine for plasma cutting of pipes                               | Orbital plasma cutting machine for cutting pipes  | For cutting pipes with diameter 457-1524 mm, supply voltage - not higher than 36V (adapter 220V)  | pcs | 30   |  |  |  |  |  |
| 931 | 088_UA42795490_0027 | Equipment | Gas        |                   | 0                         | Machine for plasma cutting of pipes                               | Diesel generator 380V or 220V, 12-13 kVA  | 0   | pcs | 30   |  |  |  |  |  |
| 932 | 088_UA42795490_0028 | Equipment | Electrical | Devices and tools | Supplies                  | Welding electrodes of 2,5 mm                                      |   | Diameter - 2.5 mm Brand - OK 53.70 ESAB or Böhler Fox EV50 or Kobelco LB  | kg  | 2500 |  |  |  |  |  |
| 933 | 088_UA42795490_0029 | Equipment | Electrical | Devices and tools | Supplies                  | Welding electrodes of 3,2 mm                                      |   | Diameter - 3.2 mm Brand - OK 53.70 ESAB or Böhler Fox EV50 or Kobelco LB  | kg  | 4000 |  |  |  |  |  |
| 934 | 088_UA42795490_0030 | Equipment | Electrical | Devices and tools | Supplies                  | Welding electrodes of 4,0 mm                                      |   | Diameter - 4.0 mm Brand - OK 53.70 ESAB or Böhler Fox EV50 or Kobelco LB  | kg  | 6500 |  |  |  |  |  |
| 935 | 088_UA42795490_0031 | Equipment | Electrical | Devices and tools | Supplies                  | Welding electrodes of 4,0 mm                                      |   | Diameter - 4,0 mm Brand - Kessel 5520 Mod   | kg  | 4500 |  |  |  |  |  |
| 936 | 088_UA42795490_0032 | Equipment | Mechanical | Machinery         | Air separation unit       | Mobile nitrogen compressor station                                | 1. The station is mounted on the chassis of the car by the wheel formula 6x6 or 8x8, or on the chassis of the semi-trailer 2. The tractor with the wheel formula 6x6 in case of installation of station on the semi-trailer | 1. Volume productivity on nitrogen mix, not less - 25nm3 / min<br>2. Final pressure, nominal excess, not less / not more - 0,8 / 2,5 MPa 3. The station is mounted on the chassis of the car with a wheel formula 6x6 or 8x8 or on the chassis of a semi-trailer equipped with a tractor with a wheel formula 6x6.<br><a href="https://drive.google.com/file/d/1XGz5wv18HVYBlorPyysDj4SeFCxYtU/view?usp=sharing">https://drive.google.com/file/d/1XGz5wv18HVYBlorPyysDj4SeFCxYtU/view?usp=sharing</a> | kit | 2    |  |  |  |  |  |
| 937 | 088_UA42795490_0033 | Equipment | Mechanical | Devices and tools | Pressure repair equipment | Equipment for cutting sections of pipelines under pressure DN700  | Set with additional latches and caps (10 pcs)   | Nominal diameter DN700 Pressure up to 75 bar  | kit | 1    |  |  |  |  |  |
| 938 | 088_UA42795490_0034 | Equipment | Mechanical | Devices and tools | Pressure repair equipment | Equipment for cutting sections of pipelines under pressure DN1000 | Set with additional latches and caps (10 pcs)   | Nominal diameter DN1000 Pressure up to 75 bar   | kit | 1    |  |  |  |  |  |
| 939 | 088_UA42795490_0035 | Equipment | Mechanical | Devices and tools | Pressure repair equipment | Equipment for cutting sections of pipelines under pressure DN1200 | Set with additional latches and caps (10 pcs)   | Nominal diameter DN1200 Pressure up to 75 bar   | kit | 1    |  |  |  |  |  |
| 940 | 088_UA42795490_0036 | Equipment | Mechanical | Devices and tools | Pressure repair equipment | Equipment for cutting sections of pipelines under pressure DN1400 | Set with additional latches and caps (10 pcs)   | Nominal diameter DN1400 Pressure up to 75 bar   | kit | 1    |  |  |  |  |  |
| 941 | 088_UA42795490_0037 | Equipment | Electrical | Devices and tools | Lighting equipment        | The lighting mast is mobile                                       |   | Available in 3 models depending on the light output required:<br>30W: 7200 lumens - Two heads 50W: 12,000 lumens - Two heads 100W: 24,000 lumens - Two heads • Strong die-cast aluminum casing with stainless steel fitting • Strong die-cast aluminum casing with stainless steel fitting • Designed for industrial applications • Toughened glass lens • IP65 Rated • Slim design • Double light head supplied with 2.2m tripod flat  | kit | 40   |  |  |  |  |  |
| 942 | 088_UA42795490_0038 | Equipment | Mechanical | Devices and tools | Lifting mechanisms        | Lifting airbags with a set of equipment                           |   | 1. Loading capacity, not less than - 67 t 2. Lifting height, not less than - 500 mm 3. Dimensions - 950x950 4. Pressure - 12 bar  | pcs | 30   |  |  |  |  |  |
| 943 | 088_UA42795490_0039 | Equipment | Mechanical | Devices and tools | Welding accessories       | The centralizer external double-chain (deovalizer) DN400          | 0   | Diameter DN400  | pcs | 26   |  |  |  |  |  |
| 944 | 088_UA42795490_0040 | Equipment | Mechanical | Devices and tools | Welding accessories       | The centralizer external double-chain (deovalizer) DN500          | 0   | Diameter DN500  | pcs | 26   |  |  |  |  |  |
| 945 | 088_UA42795490_0041 | Equipment | Mechanical | Devices and tools | Welding accessories       | The centralizer external double-chain (deovalizer) DN700          | 0   | Diameter DN700  | pcs | 26   |  |  |  |  |  |
| 946 | 088_UA42795490_0042 | Equipment | Mechanical | Devices and tools | Welding accessories       | The centralizer external double-chain (deovalizer) DN800          | 0   | Diameter DN800  | pcs | 26   |  |  |  |  |  |
| 947 | 088_UA42795490_0043 | Equipment | Mechanical | Devices and tools | Welding accessories       | The centralizer external double-chain (deovalizer) DN1000         | 0   | Diameter DN1000   | pcs | 26   |  |  |  |  |  |

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| 948 | 088_UA42795490_0044 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The centralizer external double-chain (deovalizer) DN1200                       | 0  | Diameter DN1200   | pcs | 26 |  |  |  |  |  |
| 949 | 088_UA42795490_0045 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The centralizer external double-chain (deovalizer) DN1400                       | 0  | Diameter DN1400   | pcs | 26 |  |  |  |  |  |
| 950 | 088_UA42795490_0046 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The hub external single-chain with two basic screws (deovalizer) DN400          | 0  | Diameter DN400  | pcs | 26 |  |  |  |  |  |
| 951 | 088_UA42795490_0047 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The centralizer external single-chain with two basic screws (deovalizer) DN500  | 0  | Diameter DN500  | pcs | 26 |  |  |  |  |  |
| 952 | 088_UA42795490_0048 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The hub external single-chain with two basic screws (deovalizer) DN700          | 0  | Diameter DN700  | pcs | 26 |  |  |  |  |  |
| 953 | 088_UA42795490_0049 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The hub external single-chain with two basic screws (deovalizer) DN800          | 0  | Diameter DN800  | pcs | 26 |  |  |  |  |  |
| 954 | 088_UA42795490_0050 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The centralizer external single-chain with two basic screws (deovalizer) DN1000 | 0  | Diameter DN1000   | pcs | 26 |  |  |  |  |  |
| 955 | 088_UA42795490_0051 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The centralizer external single-chain with two basic screws (deovalizer) DN1200 | 0  | Diameter DN1200   | pcs | 26 |  |  |  |  |  |
| 956 | 088_UA42795490_0052 | Equipment | Mechanical    | Devices and tools          | Welding accessories         | The hub external single-chain with two basic screws (deovalizer) DN1400         | 0  | Diameter DN1400   | pcs | 26 |  |  |  |  |  |
| 957 | 088_UA42795490_0053 | Equipment | Electrical    | Civil protection equipment | Backup power plants         | Electric generator reserve gas 8 kW   | 0  | Fuel - natural gas / propane Rated power - 8 kW Voltage - 220 V Number of phases - 1  | pcs | 20 |  |  |  |  |  |
| 958 | 088_UA42795490_0054 | Equipment | Mechanical    | Devices and tools          | Pressure repair equipment   | Installation for fireless insertion into the pipeline                           | Installation for fireless insertion into the gas pipeline / HOT TAPPING MACHINE E320   | Outer diameter of the mail gas pipeline, mm: from 159 to 1420<br>Wall thickness of the main gas pipeline, mm: from 6 to 32<br>Maximum operating pressure at which the main gas pipeline to be inserted, kgf / cm <sup>2</sup> : 75 Specifications of ENR GENERAL MACHINING E320 (model being in use already) Insertion range (tap range) ..... 3 " - 20" (76.2mm - 508mm) Boring rod distance (bar travel) .... 66 " 1676.4 mm) Approximate weight ..... 580lbs (264kg) Diesel engine Hydraulic pump  | pcs | 2  |  |  |  |  |  |
| 959 | 088_UA42795490_0055 | Equipment | Mechanical    | Machinery                  | Gas compressors             | Mobile compressor unit  | 1. The LMF P-Pack 750 installation is mounted on the chassis of the car by the wheel formula 6x6 or 8x8, or on the chassis of the semi-trailer 2. The tractor with the wheel formula 6x6 in case of installation of station on the semi-trailer  | Inlet pressure excess, maximum, not less than - 55 bar Inlet pressure excess, minimum, not more than - 3.0 bar Output pressure excess, maximum, not less than - 55 bar Productivity is brought to normal conditions (atmospheric pressure 101325 Pa (760 mm. Hg), temperature 0 °C, relative humidity 0%): - at an inlet pressure of excess 55 bar, not less than 57000 nm <sup>3</sup> / h - at an inlet pressure of excess 3.0 bar, not less than 1000 nm <sup>3</sup> / h. Gas temperature Inlet gas temperature: - minimum, not higher than - 5 ° ° C - maximum, not lower than - +25 ° ° C Outlet gas temperature, not more than + 15 ° ° C to ambient temperature | pcs | 1  |  |  |  |  |  |
| 960 | 088_UA42795490_0056 | Equipment | Mechanical    | General construction       | Installation water-reducing | Installation water-reducing   | 1. Pump installation with diesel engine drive 2. Additional equipment: - Needle filter (length 6-8 m, perforation 700-1000 mm) - 100pcs; - Pumping hose 4x (25m) - 1 pcs; - Hose 4 for drainage of liquid (150 m) - 1 piece; - Collector 4 for water drainage (5-6 m, 5-6 taps) - 20 pcs; - Suction hose 4" (4 m) to connect the pump to the collector - 1 pcs; - Flexible hose, rotary "needle filter-collector" (1-1.5 m) - 110 pcs; - Elbow 90 ° 4" for the collector - 2 pcs; - Elbow 45 ° 4" for the collector - 2 pcs; - 4 "T-shaped adapter for the collector - 4 pcs; - Adapter 4x Y-shaped for the collector - 2 pcs; - Collector cap 4x type "Male" - 6 pcs; - Collector cap 4 type "Female" - 6 pcs; - Threaded collector cap on the connection to the needle filter - 50 pcs; - Motor pump (productivity 24 - 28 m <sup>3</sup> / hour) - 1 pcs - Suction hose for motor pump (15 m) - 1 pcs; - Pressure hose from the motor pump to the washing device or the self-washing needle filter (20 m) - 1 pcs; - A set of operating documentation in Ukrainian or Russian. - Rechargeable battery for starter start of the drive motor; - Set of spare parts - 1 pcs; | Pump capacity, not less - 180 m <sup>3</sup> / h; Suction height, not less - 8.5 m; Pressure, not less - 18 m; Depth of water descent - up to 8 m.  | pcs | 2  |  |  |  |  |  |
| 961 | 088_UA42795490_0057 | Equipment | Gas equipment | Gas reduction              | Gas distribution station    | Mobile automated gas distribution station (GDS)                                 | 0  | Productivity - 3000 m <sup>3</sup> / h Inlet pressure - up to 75 bar Outlet pressure - 3-12 bar   | pcs | 4  |  |  |  |  |  |
| 962 | 088_UA42795490_0058 | Equipment | Gas equipment | Gas reduction              | Gas distribution station    | Mobile automated gas distribution station (GDS)                                 | 0  | Productivity - 5000 m <sup>3</sup> / h Inlet pressure - up to 75 bar Outlet pressure - 3-12 bar   | pcs | 4  |  |  |  |  |  |

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| 963  | 088_UA42795490_0059 | Equipment | Gas equipment | Gas reduction                                | Gas distribution station                              | Mobile automated gas distribution station (GDS)  | 0 | Productivity - 10000 m3 / h Inlet pressure - up to 75 bar Outlet pressure - 3-12 bar  | pcs | 4    |  |  |  |  |
| 964  | 088_UA42795490_0060 | Equipment | Gas equipment | Gas reduction                                | Gas distribution station                              | Mobile automated gas distribution station (GDS)  | 0 | Productivity - 30,000 m3 / h Inlet pressure - up to 75 bar Outlet pressure - 3-12 bar | pcs | 4    |  |  |  |  |
| 965  | 016_UA22815333_0001 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                      | Wire AS-50   | 0 | 0   | t   | 10   |  |  |  |  |
| 966  | 016_UA22815333_0002 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulators  | Insulator PS-70  | 0 | 0   | pcs | 600  |  |  |  |  |
| 967  | 016_UA22815333_0003 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Insulators  | Insulator PS-120   | 0 | 0   | pcs | 180  |  |  |  |  |
| 968  | 016_UA22815333_0004 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Insulators  | Insulator PS-240   | 0 | 0   | pcs | 60   |  |  |  |  |
| 969  | 016_UA22815333_0005 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Insulators  | Insulator SHF-20   | 0 | 0   | pcs | 1800 |  |  |  |  |
| 970  | 016_UA22815333_0006 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                      | Clamp SOAS-50-3  | 0 | 0   | pcs | 90   |  |  |  |  |
| 971  | 016_UA22815333_0007 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                      | Clamp SOAS-95-3  | 0 | 0   | pcs | 15   |  |  |  |  |
| 972  | 016_UA22815333_0008 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                      | Clamp SOAS-120   | 0 | 0   | pcs | 15   |  |  |  |  |
| 973  | 016_UA22815333_0009 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                      | Clamp SOAS-185   | 0 | 0   | pcs | 10   |  |  |  |  |
| 974  | 016_UA22815333_0010 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Supports  | Supports SV-10.5   | 0 | 0   | pcs | 112  |  |  |  |  |
| 975  | 016_UA22815333_0011 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Supports  | Supports CV-9.5  | 0 | 0   | pcs | 455  |  |  |  |  |
| 976  | 016_UA22815333_0012 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse TM-1  | 0 | 0   | pcs | 100  |  |  |  |  |
| 977  | 016_UA22815333_0013 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse TM-6  | 0 | 0   | pcs | 20   |  |  |  |  |
| 978  | 016_UA22815333_0014 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Header OG-2  | 0 | 0   | pcs | 20   |  |  |  |  |
| 979  | 016_UA22815333_0015 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Coupling fittings  | 0 | 0   | set | 150  |  |  |  |  |
| 980  | 016_UA22815333_0016 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Cable ASxSn-4x50   | 0 | 0   | km  | 8    |  |  |  |  |
| 981  | 016_UA22815333_0017 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Cable ASxSn-4x70   | 0 | 0   | km  | 6    |  |  |  |  |
| 982  | 016_UA22815333_0018 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Cable ASxSn-4x95   | 0 | 0   | km  | 4    |  |  |  |  |
| 983  | 016_UA22815333_0019 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | Clamp GUKo 1   | 0 | 0   | pcs | 300  |  |  |  |  |
| 984  | 016_UA22815333_0020 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | Clamp GUKo 2   | 0 | 0   | pcs | 50   |  |  |  |  |
| 985  | 016_UA22815333_0021 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | Clamp PSP 120  | 0 | 0   | pcs | 300  |  |  |  |  |
| 986  | 016_UA22815333_0022 | Equipment | Electrical    | Equipment of cable power lines of 10-0.4 kV  | Cable   | Cable AVVG 4x120   | 0 | 0   | km  | 1    |  |  |  |  |
| 987  | 016_UA22815333_0023 | Equipment | Electrical    | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers                                    | Mobile complete transformer substation KTP-S-100/6 (10) /0.4-U1 with transformer TM-100/10 | 0 | 0   | pcs | 3    |  |  |  |  |
| 988  | 016_UA22815333_0024 | Equipment | Electrical    | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers                                    | Mobile complete transformer substation PKTP-160/6 (10) / 0.4-U1                            | 0 | 0   | pcs | 2    |  |  |  |  |
| 989  | 016_UA22815333_0025 | Equipment | Electrical    | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations without transformers | KTP case (Complete transformer substation) assembled                                       | 0 | 0   | pcs | 300  |  |  |  |  |
| 990  | 016_UA22815333_0026 | Equipment | Electrical    | Supplies                                     | Transformer oil                                       | Transformer oil VG   | 0 | 0   | t   | 80   |  |  |  |  |
| 991  | 118_UA31443937_0001 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Supports  | reinforced concrete SV- 10.5-3.6   | 0 | 0   | pcs | 150  |  |  |  |  |
| 992  | 118_UA31443937_0002 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Supports  | Rack reinforced concrete SV-9.5  | 0 | 0   | pcs | 300  |  |  |  |  |
| 993  | 118_UA31443937_0003 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Disconnectors   | RLND 10/630 disconnector with PR   | 0 | 0   | pcs | 500  |  |  |  |  |
| 994  | 118_UA31443937_0004 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Disconnectors   | RNDZ-35/1000 disconnector  | 0 | 0   | pcs | 50   |  |  |  |  |
| 995  | 118_UA31443937_0005 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulators  | Porcelain pin insulator ShF-20   | 0 | 0   | pcs | 300  |  |  |  |  |
| 996  | 118_UA31443937_0006 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulators  | Porcelain pin insulator TF-10  | 0 | 0   | pcs | 1000 |  |  |  |  |
| 997  | 118_UA31443937_0007 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Insulators  | Basic IO-110 insulator   | 0 | 0   | pcs | 100  |  |  |  |  |
| 998  | 118_UA31443937_0008 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Insulators  | Basic IO-35 insulator  | 0 | 0   | pcs | 150  |  |  |  |  |
| 999  | 118_UA31443937_0009 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulators  | Insulator basic IO-10  | 0 | 0   | pcs | 300  |  |  |  |  |
| 1000 | 118_UA31443937_0010 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                      | Wire AC 50 / 8.0   | 0 | 0   | t   | 10   |  |  |  |  |
| 1001 | 118_UA31443937_0011 | Equipment | Electrical    | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                      | Wire AC 35 / 6.2   | 0 | 0   | t   | 10   |  |  |  |  |
| 1002 | 118_UA31443937_0012 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Wires ASxSn 4x50   | 0 | 0   | km  | 5    |  |  |  |  |
| 1003 | 118_UA31443937_0013 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Wires ASxSn 4x35   | 0 | 0   | km  | 5    |  |  |  |  |
| 1004 | 118_UA31443937_0014 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Rod iron 6.5 mm  | 0 | 0   | t   | 10   |  |  |  |  |
| 1005 | 118_UA31443937_0015 | Equipment | Electrical    | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | SUP 12.1 clamp   | 0 | 0   | pcs | 300  |  |  |  |  |



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| 1006 | 118_UA31443937_0016 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings     | Clamp SO 158.1                              | 0 | 0 | pcs | 1000  |  |  |  |  |
| 1007 | 118_UA31443937_0017 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings     | Clamp SO 157.1                              | 0 | 0 | pcs | 1000  |  |  |  |  |
| 1008 | 118_UA31443937_0018 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings     | Clamp SO234S                                | 0 | 0 | pcs | 300   |  |  |  |  |
| 1009 | 118_UA31443937_0019 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings     | Clamp SO 130                                | 0 | 0 | pcs | 300   |  |  |  |  |
| 1010 | 118_UA31443937_0020 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature         | Clamp plate PA 1-1                          | 0 | 0 | pcs | 10000 |  |  |  |  |
| 1011 | 118_UA31443937_0021 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature         | Clamp spot PS 1-1                           | 0 | 0 | pcs | 10000 |  |  |  |  |
| 1012 | 118_UA31443937_0022 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clamp AAA- 185                              | 0 | 0 | pcs | 100   |  |  |  |  |
| 1013 | 118_UA31443937_0023 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clamp AAA-150                               | 0 | 0 | pcs | 100   |  |  |  |  |
| 1014 | 118_UA31443937_0024 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clamp AAA-120                               | 0 | 0 | pcs | 200   |  |  |  |  |
| 1015 | 118_UA31443937_0025 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clamp AAA- 95                               | 0 | 0 | pcs | 100   |  |  |  |  |
| 1016 | 118_UA31443937_0026 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-35                     | 0 | 0 | pcs | 1000  |  |  |  |  |
| 1017 | 118_UA31443937_0027 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-50                     | 0 | 0 | pcs | 1000  |  |  |  |  |
| 1018 | 118_UA31443937_0028 | Equipment | Electrical | Civil protection equipment                   | Backup power plants     | Diesel generator of 5 kW 3 phase (380 V)    | 0 | 0 | pcs | 10    |  |  |  |  |
| 1019 | 118_UA31443937_0029 | Equipment | Electrical | Civil protection equipment                   | Backup power plants     | Gasoline generator of 3 kW 1 phase (220 V)  | 0 | 0 | pcs | 10    |  |  |  |  |
| 1020 | 118_UA31443937_0030 | Equipment | Electrical | Supplies                                     | Cable                   | KVVGeng cable 4x2.5                         | 0 | 0 | m   | 300   |  |  |  |  |
| 1021 | 118_UA31443937_0031 | Equipment | Electrical | Supplies                                     | Cable                   | 7x2.5                                       | 0 | 0 | m   | 300   |  |  |  |  |
| 1022 | 118_UA31443937_0032 | Equipment | Electrical | Supplies                                     | Cable                   | 10x1.5                                      | 0 | 0 | m   | 300   |  |  |  |  |
| 1023 | 118_UA31443937_0033 | Equipment | Electrical | Supplies                                     | Cable                   | 14x1.5                                      | 0 | 0 | m   | 300   |  |  |  |  |
| 1024 | 118_UA31443937_0034 | Equipment | Electrical | Supplies                                     | Cable                   | 19x1.5                                      | 0 | 0 | m   | 300   |  |  |  |  |
| 1025 | 118_UA31443937_0035 | Equipment | Electrical | Supplies                                     | Cable                   | Cable ASBl 10 3x120                         | 0 | 0 | m   | 500   |  |  |  |  |
| 1026 | 118_UA31443937_0036 | Equipment | Electrical | Supplies                                     | Cable                   | Cable ASBl 10 3x240                         | 0 | 0 | m   | 500   |  |  |  |  |
| 1027 | 118_UA31443937_0037 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature         | Corner 50x50x5                              | 0 | 0 | t   | 5     |  |  |  |  |
| 1028 | 118_UA31443937_0038 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings         | Coupling cable 10STP (3 / 70-120)           | 0 | 0 | pcs | 50    |  |  |  |  |
| 1029 | 118_UA31443937_0039 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings         | Coupling cable 10STP (3 / 150-240)          | 0 | 0 | pcs | 50    |  |  |  |  |
| 1030 | 118_UA31443937_0040 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 100-10 / 0.4         | 0 | 0 | pcs | 7     |  |  |  |  |
| 1031 | 118_UA31443937_0041 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 160-10 / 0.4         | 0 | 0 | pcs | 7     |  |  |  |  |
| 1032 | 118_UA31443937_0042 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 250-10 / 0.4         | 0 | 0 | pcs | 7     |  |  |  |  |
| 1033 | 118_UA31443937_0043 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 100-10 / 0.4         | 0 | 0 | pcs | 7     |  |  |  |  |
| 1034 | 118_UA31443937_0044 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 160-10 / 0.4         | 0 | 0 | pcs | 5     |  |  |  |  |
| 1035 | 118_UA31443937_0045 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers      | TransformerTM (or TMG) 250-10 / 0.4         | 0 | 0 | pcs | 5     |  |  |  |  |
| 1036 | 118_UA31443937_0046 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Transformer TDTN 16 000 / 110-35-10 (10) U1 | 0 | 0 | pcs | 2     |  |  |  |  |
| 1037 | 118_UA31443937_0047 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Transformer TDTN 16 000 / 110-35-6 (10) U1  | 0 | 0 | pcs | 2     |  |  |  |  |
| 1038 | 118_UA31443937_0048 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Transformer TDTN 10 000 / 35- 10 (10) U1    | 0 | 0 | pcs | 1     |  |  |  |  |
| 1039 | 118_UA31443937_0049 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers      | Transformer TDTN 10000 / 35-6 (10) U1       | 0 | 0 | pcs | 1     |  |  |  |  |
| 1040 | 118_UA31443937_0050 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | Current transformer TFZN-35 150/5           | 0 | 0 | pcs | 9     |  |  |  |  |
| 1041 | 118_UA31443937_0051 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | Current transformer TFZM 110 50/5           | 0 | 0 | pcs | 6     |  |  |  |  |
| 1042 | 118_UA31443937_0052 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | Voltage transformer ZNOMP-35                | 0 | 0 | pcs | 9     |  |  |  |  |
| 1043 | 118_UA31443937_0053 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | transformer TSN 25 kV A 10 / 0.4            | 0 | 0 | pcs | 2     |  |  |  |  |
| 1044 | 118_UA31443937_0054 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers | transformer TSN 25 kVA 6 / 0.4              | 0 | 0 | pcs | 2     |  |  |  |  |
| 1045 | 118_UA31443937_0055 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                | Vacuum switch of 35 kV 10000 V              | 0 | 0 | pcs | 20    |  |  |  |  |
| 1046 | 118_UA31443937_0056 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                | Vacuum switch of 35 kV 6000 V               | 0 | 0 | pcs | 20    |  |  |  |  |
| 1047 | 118_UA31443937_0057 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                | Vacuum switch 10 V                          | 0 | 0 | pcs | 20    |  |  |  |  |
| 1048 | 118_UA31443937_0058 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                | Vacuum switch of 6 kV                       | 0 | 0 | pcs | 20    |  |  |  |  |
| 1049 | 118_UA31443937_0059 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire        | Wire AC-185/29                              | 0 | 0 | m   | 4500  |  |  |  |  |
| 1050 | 118_UA31443937_0060 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire        | Wire AC-150/24                              | 0 | 0 | m   | 8000  |  |  |  |  |
| 1051 | 118_UA31443937_0061 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire        | Wire AC-120/19                              | 0 | 0 | m   | 9500  |  |  |  |  |
| 1052 | 118_UA31443937_0062 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-185                    | 0 | 0 | pcs | 500   |  |  |  |  |
| 1053 | 118_UA31443937_0063 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-150                    | 0 | 0 | pcs | 450   |  |  |  |  |
| 1054 | 118_UA31443937_0064 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-120                    | 0 | 0 | pcs | 400   |  |  |  |  |
| 1055 | 118_UA31443937_0065 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature         | Clip connecting SOAS-95                     | 0 | 0 | pcs | 200   |  |  |  |  |
| 1056 | 118_UA31443937_0066 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Linear SIP fittings     | KGP 16-3 mounting unit                      | 0 | 0 | pcs | 320   |  |  |  |  |
| 1057 | 118_UA31443937_0067 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Linear SIP fittings     | Clamp plate PA 4-1                          | 0 | 0 | pcs | 500   |  |  |  |  |

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| 1058 | 118_UA31443937_0068 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Linear SIP fittings     | Clamp plate PA 3-2  | 0  | 0  | pcs | 450  |  |  |  |  |
| 1059 | 118_UA31443937_0069 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Linear SIP fittings     | Clamp plate PA 2-2  | 0  | 0  | pcs | 300  |  |  |  |  |
| 1060 | 118_UA31443937_0070 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Tips                    | Connector of a cable steel SVS-50 (for a cable of 5-50)             | 0  | 0  | pcs | 200  |  |  |  |  |
| 1061 | 118_UA31443937_0071 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Bracket SKD-10-1  | 0  | 0  | pcs | 600  |  |  |  |  |
| 1062 | 118_UA31443937_0072 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Earring Wed 7-16  | 0  | 0  | pcs | 600  |  |  |  |  |
| 1063 | 118_UA31443937_0073 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Ear U1-7-16   | 0  | 0  | pcs | 600  |  |  |  |  |
| 1064 | 118_UA31443937_0074 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Insulators              | PSD-70E insulator   | 0  | 0  | pcs | 5000 |  |  |  |  |
| 1065 | 118_UA31443937_0075 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Corner 90x90x7  | 0  | 0  | t   | 15   |  |  |  |  |
| 1066 | 118_UA31443937_0076 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Corner 75x75x6  | 0  | 0  | t   | 13   |  |  |  |  |
| 1067 | 118_UA31443937_0077 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Linear armature         | Corner 63x63x6  | 0  | 0  | t   | 10   |  |  |  |  |
| 1068 | 118_UA31443937_0078 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                | Rack SC 16.4-02   | 0  | 0  | pcs | 60   |  |  |  |  |
| 1069 | 118_UA31443937_0079 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                | Rack SC 22.2-1.1  | 0  | 0  | pcs | 20   |  |  |  |  |
| 1070 | 118_UA31443937_0080 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                | Rack SK-22.1-1.1  | 0  | 0  | pcs | 60   |  |  |  |  |
| 1071 | 118_UA31443937_0081 | Equipment | Electrical | Supplies  | Supplies                | Electrode ANO-21 d3   | 0  | 0  | kg  | 500  |  |  |  |  |
| 1072 | 118_UA31443937_0082 | Equipment | Electrical | Supplies  | Supplies                | Electrodes ANO-4 d4   | 0  | 0  | kg  | 500  |  |  |  |  |
| 1073 | 118_UA31443937_0083 | Equipment | Electrical | Devices and tools                               | Welding devices         | Inverter welding machine  | 0  | 0  | pcs | 6    |  |  |  |  |
| 1074 | 118_UA31443937_0084 | Equipment | Electrical | Civil protection equipment                      | Backup power plants     | Gasoline generator with a capacity of at least 6.5 kW               | 0  | 0  | pcs | 6    |  |  |  |  |
| 1075 | 118_UA31443937_0085 | Equipment | Mechanical | Devices and tools                               | Chainsaws               | Chainsaw with 18 "tire  | 0  | 0  | pcs | 20   |  |  |  |  |
| 1076 | 118_UA31443937_0086 | Equipment | Mechanical | Devices and tools                               | Chainsaws               | Chainsaw with 30 "tire  | 0  | 0  | pcs | 20   |  |  |  |  |
| 1077 | 118_UA31443937_0087 | Equipment | Electrical | Supplies  | Supplies                | Rope cotton 14  | 0  | 0  | m   | 200  |  |  |  |  |
| 1078 | 118_UA31443937_0088 | Equipment | Electrical | Supplies  | Supplies                | Rope cotton 18  | 0  | 0  | m   | 200  |  |  |  |  |
| 1079 | 118_UA31443937_0089 | Equipment | Electrical | Supplies  | Supplies                | Rope cotton 20  | 0  | 0  | m   | 200  |  |  |  |  |
| 1080 | 029_UA41946011_0001 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Power transformers      | Transformer power TRDN-40000 kVA 110/10/10 kV U1                    | 0  | 0  | pcs | 1    |  |  |  |  |
| 1081 | 029_UA41946011_0002 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Power transformers      | Transformer power TMG-1000 kVA 10 / 0.4 kV                          | 0  | 0  | pcs | 8    |  |  |  |  |
| 1082 | 029_UA41946011_0003 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Power transformers      | Transformer power TMG-630 kVA 10 / 0.4 kV                           | 0  | 0  | pcs | 10   |  |  |  |  |
| 1083 | 029_UA41946011_0004 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                    | Power transformers      | Transformer power TMG-400 kVA 10 / 0.4 kV                           | 0  | 0  | pcs | 12   |  |  |  |  |
| 1084 | 029_UA41946011_0005 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Instrument transformers | Power TS-1000 kVA 10 / 0.4 kV power transformer                     | 0  | 0  | pcs | 2    |  |  |  |  |
| 1085 | 029_UA41946011_0006 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Instrument transformers | Transformer power TS-630 kVA 10 / 0.4 kV                            | 0  | 0  | pcs | 2    |  |  |  |  |
| 1086 | 029_UA41946011_0007 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings         | Coupling cable transitional 35 kV LAST 42 / 1x120-240-3HL           | 0  | 0  | pcs | 12   |  |  |  |  |
| 1087 | 029_UA41946011_0008 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings         | Coupling cable connecting 35 kV POLJ-42 / 1x500                     | 0  | 0  | pcs | 12   |  |  |  |  |
| 1088 | 029_UA41946011_0009 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings         | Coupling cable connecting 35 kV POLJ-42 / 1x300-400                 | 0  | 0  | pcs | 12   |  |  |  |  |
| 1089 | 029_UA41946011_0010 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings         | Coupling cable final 35 kV POLT-42F / 1X1-L16                       | 0  | 0  | kit | 6    |  |  |  |  |
| 1090 | 029_UA41946011_0011 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire        | Wire AC-185/29  | 0  | 0  | kg  | 1000 |  |  |  |  |
| 1091 | 029_UA41946011_0012 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire        | Wire AC-300/39  | 0  | 0  | kg  | 1400 |  |  |  |  |
| 1092 | 029_UA41946011_0013 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Switches                | The 35 kV 8358-LE-51 / K-U1 block with vacuum switches like 3AF0141 | 0  | 0  | kit | 5    |  |  |  |  |
| 1093 | 029_UA41946011_0014 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                | Reinforced concrete rack SK-26                                      | 0  | 0  | pcs | 8    |  |  |  |  |
| 1094 | 029_UA41946011_0015 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                | Anchor-angular support U-110-2                                      | 0  | 0  | pcs | 2    |  |  |  |  |
| 1095 | 029_UA41946011_0016 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings         | Coupling cable connecting 10 kV FIELD 24 / 1x240-400                | 0  | 0  | pcs | 20   |  |  |  |  |
| 1096 | 029_UA41946011_0017 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings         | Coupling cable connecting 10 kV FIELD 24 / 1x120-240                | 0  | 0  | pcs | 30   |  |  |  |  |
| 1097 | 029_UA41946011_0018 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings         | Coupling cable connecting 10 kV FIELD 24/1x500                      | 0  | 0  | pcs | 12   |  |  |  |  |
| 1098 | 029_UA41946011_0019 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings         | Coupling cable transitional 10 kV LAST 24 120-240 3HL               | 0  | 0  | pcs | 16   |  |  |  |  |
| 1099 | 035_UA00100227_0001 | Equipment | Electrical |   | 0                       | Drive control cabinet   | BLG 1003A firm "AVV", or equivalent for a switch LTB 420E2 № 1HS801113009 2011 year of production. | Spring drive. Unipolar installation. Three-pole control mode. Universal electric motor 220 V.  | pcs | 1    |  |  |  |  |
| 1100 | 035_UA00100227_0002 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Instrument transformers | SF6 current transformer   | SAS-362 "TRENCH", or equivalent  | The maximum operating voltage of the primary winding is 362 kV. Transformation coefficient 1000-2000 \ 1. Four secondary windings. Accuracy class of windings (1 winding - 0.2 S, 3 windings - 10P). SF6 internal environment. Polymeric external insulation.              | pcs | 6    |  |  |  |  |
| 1101 | 035_UA00100227_0003 | Equipment | Electrical | Equipment for 110/35/10 kV substations          | Instrument transformers | SF6 current transformer   | SVS 362 "TRENCH", or equivalent  | The maximum operating voltage of the primary winding is 362 kV. The nominal voltage of the secondary winding is 330 / 19 kV. The accuracy class of the windings is 0.5. The rated power of the windings is 400 W. SF6 internal environment. Polymeric external insulation. | pcs | 3    |  |  |  |  |

|      |                     |           |            |  |                                  |   |   |   |     |    |  |  |  |  |  |
|------|---------------------|-----------|------------|--|----------------------------------|---|---|---|-----|----|--|--|--|--|--|
| 1102 | 035_UA00100227_0004 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches and disconnectors       | Disconnectors   | S2DAT-362 of firm "ALSTOM", or equivalent | The highest operating voltage is 362 kV. The rated operating current is 3150 A. The stump of thermal resistance is 40 kA. Installation is unipolar. The insulation is porcelain. The number of grounding knives is 2 pcs. The drive of the main and grounding knives is a 380 V electric motor. The control is 220 V. AC. | set | 10 |  |  |  |  |  |
| 1103 | 035_UA00100227_0005 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches and disconnectors       | Disconnectors   | S2DAT-362 of firm "ALSTOM", or equivalent | The highest operating voltage is 362 kV. The rated operating current is 3150 A. The stump of thermal resistance is 40 kA. Installation is unipolar. The insulation is porcelain. The number of grounding knives is 2 pcs. The drive of the main and grounding knives is a 380 V electric motor. The control is 220 V. AC. | set | 1  |  |  |  |  |  |
| 1104 | 006_UA00131713_0001 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-10000-35 / 10 kV  | 0   | 0   | pcs | 1  |  |  |  |  |  |
| 1105 | 006_UA00131713_0002 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-6300-35 / 10 kV   | 0   | 0   | pcs | 4  |  |  |  |  |  |
| 1106 | 006_UA00131713_0003 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-4000 of 35/6 kV   | 0   | 0   | pcs | 2  |  |  |  |  |  |
| 1107 | 006_UA00131713_0004 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-2500 of 35/10 kV  | 0   | 0   | pcs | 2  |  |  |  |  |  |
| 1108 | 006_UA00131713_0005 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-1000 of 35/6 kV   | 0   | 0   | pcs | 2  |  |  |  |  |  |
| 1109 | 006_UA00131713_0006 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-1000 of 35/10 kV  | 0   | 0   | pcs | 4  |  |  |  |  |  |
| 1110 | 006_UA00131713_0007 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | Vacuum switch of 35 kV, 1000A, 16 kA with the spring drive, power supply of alternating current of 220 in   | 0   | 0   | pcs | 12 |  |  |  |  |  |
| 1111 | 006_UA00131713_0008 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | 35 kV 1000 A disconnector with two earthing knives that do not require maintenance for the entire service life  | 0   | 0   | pcs | 10 |  |  |  |  |  |
| 1112 | 006_UA00131713_0009 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with cast insulation 100/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 9  |  |  |  |  |  |
| 1113 | 006_UA00131713_0010 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with cast insulation 200/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 12 |  |  |  |  |  |
| 1114 | 006_UA00131713_0011 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV voltage transformer with cast insulation  | 0   | 0   | pcs | 12 |  |  |  |  |  |
| 1115 | 006_UA00131713_0012 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters             | Overvoltage limiter 35 kV Ur = 40.5 kV  | 0   | 0   | pcs | 36 |  |  |  |  |  |
| 1116 | 006_UA00131713_0013 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Packaged transformer substations | Complete switchgear (KRP2) 35 kV consisting of: two sections with a sectional switch. In each section - three cells (cable entry, transformer input, HV) + space for one spare cell   | 0   | 0   | pcs | 2  |  |  |  |  |  |
| 1117 | 006_UA00131713_0014 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformers TVLM 10 100/5 number of secondary windings of 3 pieces: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 24 |  |  |  |  |  |
| 1118 | 006_UA00131713_0015 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformers TVLM 10 300/5 number of secondary windings of 3 pieces: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 24 |  |  |  |  |  |
| 1119 | 006_UA00131713_0016 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformers TVLM 10 400/5 number of secondary windings of 3 pieces: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 24 |  |  |  |  |  |
| 1120 | 006_UA00131713_0017 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformers TVLM 10 600/5 number of secondary windings of 3 pieces: 10P / 10P / 0.5 S  | 0   | 0   | pcs | 24 |  |  |  |  |  |
| 1121 | 006_UA00131713_0018 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Packaged transformer substations | Complete switchgear (KRP2) 10 kV consisting of: two sections with a sectional switch. On each section - ten cells (input of the transformer, TN, TSN, 2 cells departing on 1000 A, 5 cells departing on 630 A) + a place under one spare cell | 0   | 0   | set | 4  |  |  |  |  |  |
| 1122 | 006_UA00131713_0019 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TDTN-40000 110/35/6     | 0   | pcs | 2  |  |  |  |  |  |
| 1123 | 006_UA00131713_0020 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TDTN-25000 110/35/6     | 0   | pcs | 2  |  |  |  |  |  |
| 1124 | 006_UA00131713_0021 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TDTN-40000 110/35/10    | 0   | pcs | 2  |  |  |  |  |  |
| 1125 | 006_UA00131713_0022 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TDTN-25000 110/35/6     | 0   | pcs | 2  |  |  |  |  |  |
| 1126 | 006_UA00131713_0023 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Transformer power TRDN-40000 110/10/10    | 0   | pcs | 2  |  |  |  |  |  |
| 1127 | 006_UA00131713_0024 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TRDN-25000 110/10/10    | 0   | pcs | 2  |  |  |  |  |  |
| 1128 | 006_UA00131713_0025 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TRDN-25000 110/6/6      | 0   | pcs | 2  |  |  |  |  |  |
| 1129 | 006_UA00131713_0026 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer   | Power transformer TRDN-40000 110/6/6      | 0   | pcs | 2  |  |  |  |  |  |
| 1130 | 006_UA00131713_0027 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | SF6 switch 110 kV 1000 A 40 kA  | 0   | 0   | pcs | 12 |  |  |  |  |  |
| 1131 | 006_UA00131713_0028 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformer 110 kV 600/5, number of secondary windings of 5 pieces: 10P / 10P / 10P / 10P / 0.5 S   | 0   | 0   | pcs | 18 |  |  |  |  |  |
| 1132 | 006_UA00131713_0029 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 110 kV voltage transformer  | 0   | 0   | pcs | 6  |  |  |  |  |  |
| 1133 | 006_UA00131713_0030 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | 110 kV 1000 A disconnector with two earthing knives   | 0   | 0   | pcs | 12 |  |  |  |  |  |
| 1134 | 006_UA00131713_0031 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire                   | SIP 4x95  | 0   | 0   | t   | 10 |  |  |  |  |  |

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|------|---------------------|-----------|------------|---|-----------------------------|--|--|-------|-----|-------|--|--|--|--|
| 1135 | 006_UA00131713_0032 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Insulated wire              | SIP 4x70   | 0  | 0     | t   | 10    |  |  |  |  |
| 1136 | 006_UA00131713_0033 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Insulated wire              | SIP 4x50   | 0  | 0     | t   | 10    |  |  |  |  |
| 1137 | 006_UA00131713_0034 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Insulated wire              | SIP 4x35   | 0  | 0     | t   | 10    |  |  |  |  |
| 1138 | 006_UA00131713_0035 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-50   | 0     | t   | 10    |  |  |  |  |
| 1139 | 006_UA00131713_0036 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-70   | 0     | t   | 10    |  |  |  |  |
| 1140 | 006_UA00131713_0037 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-95   | 0     | t   | 10    |  |  |  |  |
| 1141 | 006_UA00131713_0038 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-120/19   | 0     | t   | 15    |  |  |  |  |
| 1142 | 006_UA00131713_0039 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-185  | 0     | t   | 10    |  |  |  |  |
| 1143 | 006_UA00131713_0040 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Uninsulated wire            | Wire   | Wire AC-240  | 0     | t   | 4     |  |  |  |  |
| 1144 | 006_UA00131713_0041 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Lightning protection cables | Wire   | thunderstorm wire  | 0     | km  | 3     |  |  |  |  |
| 1145 | 006_UA00131713_0042 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | SOAS - 70  | 0     | pcs | 3000  |  |  |  |  |
| 1146 | 006_UA00131713_0043 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | SOAS - 120   | 0     | pcs | 1000  |  |  |  |  |
| 1147 | 006_UA00131713_0044 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | SOAS - 185   | 0     | pcs | 1000  |  |  |  |  |
| 1148 | 006_UA00131713_0045 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | SOAS - 240   | 0     | pcs | 1000  |  |  |  |  |
| 1149 | 006_UA00131713_0046 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | PAS thermal cartridges   | 0     | pcs | 500   |  |  |  |  |
| 1150 | 006_UA00131713_0047 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Clamps                      | Connector  | Thermo matches   | 0     | pcs | 100   |  |  |  |  |
| 1151 | 006_UA00131713_0048 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Insulators                  | Connector  | Insulators glass PS-70   | 0     | pcs | 3000  |  |  |  |  |
| 1152 | 006_UA00131713_0049 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Insulators                  | Connector  | Polymer insulators LK-70-110                                       | 0     | pcs | 3000  |  |  |  |  |
| 1153 | 006_UA00131713_0050 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Insulators                  | Connector  | Polymer insulators UKTs-120-110                                    | 0     | pcs | 800   |  |  |  |  |
| 1154 | 006_UA00131713_0051 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                    | Support  | METAL SUPPORT U110-2   | 0     | pcs | 6     |  |  |  |  |
| 1155 | 006_UA00131713_0052 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                    | Support  | METAL SUPPORT US-110-6   | 0     | pcs | 4     |  |  |  |  |
| 1156 | 006_UA00131713_0053 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                    | Support  | METAL SUPPORT U-35-2   | 0     | pcs | 8     |  |  |  |  |
| 1157 | 006_UA00131713_0054 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                    | Support  | SUPPORT OF LINE REINFORCED CONCRETE SK-26.1-5.1a                   | 0     | pcs | 30    |  |  |  |  |
| 1158 | 006_UA00131713_0055 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines    | Supports                    | Support  | STABLE Z / B SK-22.1-1.0   | 0     | pcs | 30    |  |  |  |  |
| 1159 | 006_UA00131713_0056 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings             | Cable coupling   | Coupling cable transitional 35 kV LAST 42 / 1x120-240-3HL          | 0     | pcs | 4     |  |  |  |  |
| 1160 | 006_UA00131713_0057 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings             | Cable coupling   | Coupling cable connecting 35 kV POLJ-42 / 1x120-240                | 0     | pcs | 12    |  |  |  |  |
| 1161 | 006_UA00131713_0058 | Equipment | Electrical | Equipment of 110-35 kV cable transmission lines | Cable couplings             | Cable coupling   | Coupling cable final 35 kV POLT-42F / 1X1-L16                      | 0     | pcs | 4     |  |  |  |  |
| 1162 | 006_UA00131713_0059 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings             | Cable coupling   | Coupling cable connecting 10 kV FIELD 24 / 1X240-400               | 0     | pcs | 20    |  |  |  |  |
| 1163 | 006_UA00131713_0060 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings             | Cable coupling   | Coupling cable connecting 10 kV FIELD 24 / 1X120-240               | 0     | pcs | 30    |  |  |  |  |
| 1164 | 006_UA00131713_0061 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings             | Cable coupling   | Coupling cable connecting 10 kV FIELD 24 / 1X630                   | 0     | pcs | 12    |  |  |  |  |
| 1165 | 006_UA00131713_0062 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable couplings             | Cable coupling   | Coupling cable transitional 10 kV LAST 24 120-240 3HL              | 0     | pcs | 16    |  |  |  |  |
| 1166 | 006_UA00131713_0063 | Equipment | Electrical | Civil protection equipment                      | Chargers                    | Batteries (rechargeable batteries)   | Sonnenschein A 706/84 (34 cans included) + ROM (recharging device) | 0     | set | 6     |  |  |  |  |
| 1167 | 006_UA00131713_0064 | Equipment | Electrical | Civil protection equipment                      | Chargers                    | Batteries (rechargeable batteries)   | Sonnenschein A 704/245 (58 cans included) + ROM (download)         | 0     | set | 6     |  |  |  |  |
| 1168 | 020_UA32402870_0001 | Equipment | Electrical | Machinery                                       | Mechanisms are mobile       | Mobile high-voltage laboratory type ETI-35   | 0  | 0     | pcs | 2     |  |  |  |  |
| 1169 | 020_UA32402870_0002 | Equipment | Electrical | Machinery                                       | Lifting mechanisms          | Autotower type AP-18 or similar on the basis of the IVECO car                      | 0  | 0     | pcs | 2     |  |  |  |  |
| 1170 | 020_UA32402870_0003 | Equipment | Electrical | Machinery                                       | Mechanisms are mobile       | Backhoe excavator  | 0  | 0     | pcs | 2     |  |  |  |  |
| 1171 | 020_UA32402870_0004 | Equipment | Electrical | Machinery                                       | Mechanisms are mobile       | The car with all-wheel drive like Mitsubishi L200 (for operational and exit crews) | 0  | 0     | pcs | 3     |  |  |  |  |
| 1172 | 020_UA32402870_0005 | Equipment | Electrical | Machinery                                       | Lifting mechanisms          | 8KM  | 0  | 0     | pcs | 2     |  |  |  |  |
| 1173 | 020_UA32402870_0006 | Equipment | Electrical | Civil protection equipment                      | Backup power plants         | The generator is single-phase 5 kW   | 0  | 0     | pcs | 9     |  |  |  |  |
| 1174 | 020_UA32402870_0007 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable                       | High-voltage power cable   | ASBI-10  | 3x95  | km  | 6,55  |  |  |  |  |
| 1175 | 020_UA32402870_0008 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable                       | High-voltage power cable   | ASBI-10  | 3x120 | km  | 10,22 |  |  |  |  |
| 1176 | 020_UA32402870_0009 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable                       | High-voltage power cable   | ASBI-10  | 3x150 | km  | 4,8   |  |  |  |  |
| 1177 | 020_UA32402870_0010 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV     | Cable                       | High-voltage power cable   | ASBI-10  | 3x240 | km  | 7,85  |  |  |  |  |
| 1178 | 020_UA32402870_0011 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines    | Supports                    | Goods  | SV-10.5  | 0     | pcs | 280   |  |  |  |  |

|      |                     |           |            |  |                                  |  |   |                    |      |       |  |  |  |  |
|------|---------------------|-----------|------------|--|----------------------------------|--|---|--------------------|------|-------|--|--|--|--|
| 1179 | 020_UA32402870_0012 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports                         | Stands                                 | SV-9.5  | 0                  | pcs  | 232   |  |  |  |  |
| 1180 | 020_UA32402870_0013 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                 | Bare wire                              | AC-70   | 0                  | t    | 4,33  |  |  |  |  |
| 1181 | 020_UA32402870_0014 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Bare wire                              | AC-95   | 0                  | t    | 6,88  |  |  |  |  |
| 1182 | 020_UA32402870_0015 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Bare wire                              | AC-120  | 0                  | t    | 11,07 |  |  |  |  |
| 1183 | 020_UA32402870_0016 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Bare wire                              | AC-240  | 0                  | t    | 1,4   |  |  |  |  |
| 1184 | 020_UA32402870_0017 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Insulators                             | ШФ-20Г  | 0                  | pcs  | 500   |  |  |  |  |
| 1185 | 020_UA32402870_0018 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Insulators                             | PS-70E  | 0                  | pcs  | 780   |  |  |  |  |
| 1186 | 020_UA32402870_0019 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Insulators                             | PSD-70E   | 0                  | pcs  | 450   |  |  |  |  |
| 1187 | 020_UA32402870_0020 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Overvoltage limiters             | OPN                                    | OPN-110/73  | 0                  | pcs  | 6     |  |  |  |  |
| 1188 | 020_UA32402870_0021 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Overvoltage limiters             | OPN                                    | OPN-35  | 0                  | pcs  | 12    |  |  |  |  |
| 1189 | 020_UA32402870_0022 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Overvoltage limiters             | OPN                                    | OPN-6 / 7.2   | 0                  | pcs  | 120   |  |  |  |  |
| 1190 | 020_UA32402870_0023 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | connecting  | 70-120 mm2         | set  | 150   |  |  |  |  |
| 1191 | 020_UA32402870_0024 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | connecting  | 150-240 mm2        | set  | 100   |  |  |  |  |
| 1192 | 020_UA32402870_0025 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | final indoor installation   | 70-120 mm2         | set  | 50    |  |  |  |  |
| 1193 | 020_UA32402870_0026 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | final indoor installation   | 150-240 mm2        | set  | 50    |  |  |  |  |
| 1194 | 020_UA32402870_0027 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | final outdoor installation  | 70-120 mm2         | set  | 50    |  |  |  |  |
| 1195 | 020_UA32402870_0028 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings                  | Heat-shrink couplings of 10 kV         | final outdoor installation  | 150-240 mm2        | set  | 50    |  |  |  |  |
| 1196 | 020_UA32402870_0029 | Equipment | Electrical |  | 0                                | Server                                 | 0   | 0                  | pcs  | 4     |  |  |  |  |
| 1197 | 020_UA32402870_0030 | Equipment | Electrical |  | 0                                | OIC                                    | 0   | 0                  | pcs  | 2     |  |  |  |  |
| 1198 | 020_UA32402870_0031 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | Power transformer                      | TM-630  | 6 / 0.4 kV; Y / YN | pcs  | 8     |  |  |  |  |
| 1199 | 020_UA32402870_0032 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | Power transformer                      | TM-400  | 6 / 0.4 kV; Y / YN | pcs  | 4     |  |  |  |  |
| 1200 | 020_UA32402870_0033 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | Power transformer                      | TM-250  | 6 / 0.4 kV; Y / YN | pcs  | 7     |  |  |  |  |
| 1201 | 020_UA32402870_0034 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | Power transformer                      | TM-100  | 6 / 0.4 kV; Y / YN | pcs  | 9     |  |  |  |  |
| 1202 | 020_UA32402870_0035 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | Power transformer                      | TM-63   | 6 / 0.4 kV; Y / YN | pcs  | 2     |  |  |  |  |
| 1203 | 020_UA32402870_0036 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches                         | 6 kV vacuum switch with adaptation kit | 0   | 0                  | set  | 120   |  |  |  |  |
| 1204 | 020_UA32402870_0037 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP-6/04 kV                            | with 2 power transformers with a capacity of 250 kVA (cable entry)  | 6 / 0.4 kV; Y / YN | set  | 4     |  |  |  |  |
| 1205 | 020_UA32402870_0038 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP-6/04 kV                            | with 2 power transformers with a capacity of 400 kVA (cable entry)  | 6 / 0.4 kV; Y / YN | set  | 4     |  |  |  |  |
| 1206 | 020_UA32402870_0039 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP-6/04 kV                            | with 2 power transformers with a capacity of 630 kVA (cable entry)  | 6 / 0.4 kV; Y / YN | set  | 2     |  |  |  |  |
| 1207 | 020_UA32402870_0040 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP-6/04 kV                            | with power transformer with a capacity of 100 kVA (cable entry)   | 6 / 0.4 kV; Y / YN | set  | 6     |  |  |  |  |
| 1208 | 020_UA32402870_0041 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTP-6/04 kV                            | with 250 kVA power transformer (cable entry)  | 6 / 0.4 kV; Y / YN | set  | 8     |  |  |  |  |
| 1209 | 020_UA32402870_0042 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Insulators                       | The insulator is polymeric all-cast    | LCC-70-110-5  | 0                  | pcs  | 6     |  |  |  |  |
| 1210 | 020_UA32402870_0043 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Clamps                           | Hardware clamp                         | 2A2A-300-1  | 0                  | pcs  | 6     |  |  |  |  |
| 1211 | 020_UA32402870_0044 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Clamps                           | Hardware clamp                         | AAA-300-0   | 0                  | pcs  | 6     |  |  |  |  |
| 1212 | 020_UA32402870_0045 | Equipment | Electrical | Computer networks                            | Telecommunications               | Cable                                  | SF / UTP  | Cat.5e LSON        | m    | 3000  |  |  |  |  |
| 1213 | 020_UA32402870_0046 | Equipment | Electrical | Computer networks                            | Telecommunications               | Cable                                  | twisted pair UTP  | cat5e 4x2x0.51     | m    | 1050  |  |  |  |  |
| 1214 | 020_UA32402870_0047 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | BBFчрд  | 4x2.5              | m    | 5500  |  |  |  |  |
| 1215 | 020_UA32402870_0048 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | BBFчрд  | 4x4                | m    | 4086  |  |  |  |  |
| 1216 | 020_UA32402870_0049 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | BBFчрд  | 4x6                | m    | 3230  |  |  |  |  |
| 1217 | 020_UA32402870_0050 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | BBFчрд  | 4x10               | m    | 3280  |  |  |  |  |
| 1218 | 020_UA32402870_0051 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 4x1.5              | m    | 800   |  |  |  |  |
| 1219 | 020_UA32402870_0052 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 7x1.5              | m    | 800   |  |  |  |  |
| 1220 | 020_UA32402870_0053 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 10x1.5             | m    | 800   |  |  |  |  |
| 1221 | 020_UA32402870_0054 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 14x1.5             | m    | 800   |  |  |  |  |
| 1222 | 020_UA32402870_0055 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 4x2.5              | m    | 800   |  |  |  |  |
| 1223 | 020_UA32402870_0056 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 7x2.5              | m    | 800   |  |  |  |  |
| 1224 | 020_UA32402870_0057 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 10x2.5             | m    | 800   |  |  |  |  |
| 1225 | 020_UA32402870_0058 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 14x2.5             | m    | 800   |  |  |  |  |
| 1226 | 020_UA32402870_0059 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Cable                            | The cable is low-voltage               | кВВФчрд   | 19x2.5             | m    | 800   |  |  |  |  |
| 1227 | 020_UA32402870_0060 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Supplies                         | No.                                    | WORKER  | 0                  | sq.m | 793   |  |  |  |  |
| 1228 | 020_UA32402870_0061 | Equipment | Electrical | Computer equipment                           | Computers                        | Workstation                            | 15.6"laptop; Full HD; Intel Core i5; 8GB RAM; SSD; Ethernet (LAN RJ-45), HDMI, USB 2.0, USB 3.1, Wi-Fi ,, Windows 10 Professional 32-bit / 64-bit All Lng LCD Lic (License), Microsoft Office2019 | 0                  | set  | 10    |  |  |  |  |

|      |                     |           |            |  |                                  |   |  |  |     |    |  |  |  |  |  |
|------|---------------------|-----------|------------|--|----------------------------------|---|--|--|-----|----|--|--|--|--|--|
| 1229 | 020_UA32402870_0062 | Equipment | Electrical | Computer equipment                           | Computers                        | Workstation   | computer Dell OptiPlex 3080 SFF / i5- 10500, Windows 10 Professional 32-bit / 64-bit All Lng LCD Lic, Microsoft Office2019, Monitor Dell U2719D Black 27 inches, 178/178, iPS, Logitech K120 Keyboard Ru (920-002522) wired, Mouse Manipulator wired Logitech M90 Dark (910- 001794) | 0  | set | 2  |  |  |  |  |  |
| 1230 | 020_UA32402870_0063 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Linear 110 kV input with RIP insulation   | BRIL-90-110-550 / 1250 (KN1.9.011-5)   | 0  | pcs | 21 |  |  |  |  |  |
| 1231 | 020_UA32402870_0064 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | SF6 switch 110 kV   | LTB 123 D1 / 8   | drive type FSA1, the number of additional. contacts 7NV + 7NZ (standard), polymer insulation, standard leak path length 25mm / kV, with supporting structure of standard height 2.5 m                    | pcs | 7  |  |  |  |  |  |
| 1232 | 020_UA32402870_0065 | Equipment | Electrical |  | 0                                | High-frequency barrier  | 0  | with barrier band 76-1000kHz ± = 470 Ohm complete with adjustment element and overvoltage limiter VZ-1250-0,5U1  | pcs | 3  |  |  |  |  |  |
| 1233 | 020_UA32402870_0066 | Equipment | Electrical |  | 0                                | Communication capacitor   | 0  | in the composite case the isolating support with sets of hardware from stainless steel for fastening of a bushing with a contact conclusion of SMAPV (K) -110 / V3-6,4UHL1                               | pcs | 3  |  |  |  |  |  |
| 1234 | 020_UA32402870_0067 | Equipment | Electrical |  | 0                                | Overvoltage limiter type  | PEXUM Q108-YH123   | rated voltage of 108 kV arrester, complete with earthing (1HSA420000-A) terminals, insulating base (1HSA430000-A) and meter  | pcs | 6  |  |  |  |  |  |
| 1235 | 020_UA32402870_0068 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnecter single-phase horizontal-rotary with a double break of 110 kV   | GW56-126D  | 1250 A, 40 kA / 3 c, one set of grounding knives, two motor drives, porcelain insulation, specific leakage path length 25 mm / kV, without supporting structure (with drive lever length above 5 m)      | pcs | 4  |  |  |  |  |  |
| 1236 | 020_UA32402870_0069 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnecter single-phase horizontal-rotary with a double break of 110 kV   | GW56-126D  | 1250 A, 40 kA / 3 c, two sets of grounding knives, three motor drives, porcelain insulation, specific leakage path length 25 mm / kV, without supporting structure (with drive lever length above 3.6 m) | pcs | 1  |  |  |  |  |  |
| 1237 | 020_UA32402870_0070 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnecter three-phase horizontal-rotary with a double break of 110 kV  | GW56-126DI   | 1250 A, 40 kA / 3 c, two sets of earthing knives, three motor drives, porcelain insulation, specific leakage path length 25 mm / kV, without supporting structure (with drive lever length above 5 m)    | pcs | 2  |  |  |  |  |  |
| 1238 | 020_UA32402870_0071 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnecter three-phase horizontal-rotary with a double break of 110 kV  | GW56-126D  | 1250 A, 40 kA / 3 c, one set of grounding knives, two motor drives, porcelain insulation, specific leakage path length 25 mm / kV, without supporting structure (with drive lever length above 5 m)      | pcs | 25 |  |  |  |  |  |
| 1239 | 020_UA32402870_0072 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnecter three-phase horizontal-rotary with a double break of 110 kV  | GW56-126D  | 1250 A, 40 kA / 3 c, two sets of grounding knives, three motor drives, porcelain insulation, specific leakage path length 25 mm / kV, without supporting structure (with drive lever length above 3.6 m) | pcs | 6  |  |  |  |  |  |
| 1240 | 020_UA32402870_0073 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Voltage transformer   | EMF170   | 126 kV, 110000 / V3, 1.5 / 30c, -40 / + 40 ° C, polymer insulator, total leakage path length 4520 mm, 4 windings   | pcs | 7  |  |  |  |  |  |
| 1241 | 020_UA32402870_0074 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformer   | IMB 123  | maximum operating voltage 126 kV, 40 kA / 3 c (100 kA), Rf = 1.2 (600A), -40 / + 40 ° C, polymer insulator, total leakage path length 3625 mm, 7 windings  | pcs | 30 |  |  |  |  |  |
| 1242 | 002_UA23359034_0001 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-10000 of 35/10 kV   | 0  | 0  | pcs | 2  |  |  |  |  |  |
| 1243 | 002_UA23359034_0002 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | The transformer is power two-winding, analog of TDN-4000 of 35/6 kV   | 0  | 0  | pcs | 2  |  |  |  |  |  |
| 1244 | 002_UA23359034_0003 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | Vacuum switch of 35 kV, 1000A, 16 kA with the spring drive, power supply of alternating current of 220 in   | 0  | 0  | pcs | 5  |  |  |  |  |  |
| 1245 | 002_UA23359034_0004 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | 35 kV 1000 A disconnecter with two earthing knives that do not require maintenance for the entire service life  | 0  | 0  | pcs | 10 |  |  |  |  |  |
| 1246 | 002_UA23359034_0005 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with cast insulation 100/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0  | 0  | pcs | 9  |  |  |  |  |  |
| 1247 | 002_UA23359034_0006 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with cast insulation 200/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0  | 0  | pcs | 9  |  |  |  |  |  |
| 1248 | 002_UA23359034_0007 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV voltage transformer with cast insulation  | 0  | 0  | pcs | 9  |  |  |  |  |  |
| 1249 | 002_UA23359034_0008 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters             | Overvoltage limiter 35 kV Ur = 40.5 kV  | 0  | 0  | pcs | 60 |  |  |  |  |  |
| 1250 | 002_UA23359034_0009 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Packaged transformer substations | Complete switchgear (KRP2) 35 kV consisting of: two sections with a sectional switch. In each section - three cells (cable entry, transformer input, HV) + space for one spare cell | 0  | 0  | pcs | 1  |  |  |  |  |  |
| 1251 | 002_UA23359034_0010 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-95  | 0  | 0  | t   | 10 |  |  |  |  |  |
| 1252 | 002_UA23359034_0011 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-120/19  | 0  | 0  | t   | 15 |  |  |  |  |  |
| 1253 | 002_UA23359034_0012 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-150   | 0  | 0  | t   | 10 |  |  |  |  |  |
| 1254 | 002_UA23359034_0013 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-240   | 0  | 0  | t   | 8  |  |  |  |  |  |
| 1255 | 002_UA23359034_0014 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-300   | 0  | 0  | t   | 8  |  |  |  |  |  |

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|------|---------------------|-----------|------------|--|---------------------|---------------------------------|---|---|-----|------|--|--|--|--|
| 1256 | 002_UA23359034_0015 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Clamps              | Spot clamp PA-1                 | 0 | 0   | pcs | 4000 |  |  |  |  |
| 1257 | 002_UA23359034_0016 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Clamps              | Spot clamp PA-2                 | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1258 | 002_UA23359034_0017 | Equipment | Electrical | Equipment of cable power lines of 10-0,4 kV  | Clamps              | Spot clamp PA-3                 | 0 | 0   | pcs | 300  |  |  |  |  |
| 1259 | 002_UA23359034_0018 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature     | SOAS - 50                       | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1260 | 002_UA23359034_0019 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature     | SOAS - 70                       | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1261 | 002_UA23359034_0020 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature     | SOAS - 120                      | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1262 | 002_UA23359034_0021 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature     | SOAS - 150                      | 0 | 0   | pcs | 2000 |  |  |  |  |
| 1263 | 002_UA23359034_0022 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature     | SOAS -240                       | 0 | 0   | pcs | 1000 |  |  |  |  |
| 1264 | 002_UA23359034_0023 | Equipment | Electrical |  | 0                   | PAS thermal cartridges          | 0 | 0   | pcs | 500  |  |  |  |  |
| 1265 | 002_UA23359034_0024 | Equipment | Electrical |  | 0                   | Thermo matches                  | 0 | 0   | pcs | 100  |  |  |  |  |
| 1266 | 002_UA23359034_0025 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Insulators glass P5-70          | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1267 | 002_UA23359034_0026 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Insulators glass P5-120         | 0 | 0   | pcs | 2000 |  |  |  |  |
| 1268 | 002_UA23359034_0027 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Polymer insulators LKTS-70-150  | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1269 | 002_UA23359034_0028 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Polymer insulators LKTS-120-150 | 0 | 0   | pcs | 800  |  |  |  |  |
| 1270 | 002_UA23359034_0029 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Polymer insulators LKTS-70-110  | 0 | 0   | pcs | 3000 |  |  |  |  |
| 1271 | 002_UA23359034_0030 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Insulators          | Polymer insulators LKTS-120-110 | 0 | 0   | pcs | 800  |  |  |  |  |
| 1272 | 002_UA23359034_0031 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports            | support SV-105                  | 0 | reinforced concrete supports, vibrated 10.5 m long, bending moment 5 t / m  | pcs | 460  |  |  |  |  |
| 1273 | 002_UA23359034_0032 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Supports            | support SV-95                   | 0 | reinforced concrete supports, vibrated 9.5 m long, bending moment 3 t / m   | pcs | 700  |  |  |  |  |
| 1274 | 002_UA23359034_0033 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | traverses TM-3                  | 0 | made of hot-rolled steel (angle 70 mm), pins with a diameter of 20 mm   | pcs | 460  |  |  |  |  |
| 1275 | 002_UA23359034_0034 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | U-1 bracket                     | 0 | the bracket is made of a steel strip 10 mm thick  | ?   | ?    |  |  |  |  |
| 1276 | 002_UA23359034_0035 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | 0                   | clamp X-12                      | 0 | made of steel rod with a diameter of 16 mm  | pcs | 460  |  |  |  |  |
| 1277 | 002_UA23359034_0036 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | TN-9 traverse                   | 0 | made of hot-rolled steel (angle 63 mm), pins with a diameter of 16 mm   | pcs | 1400 |  |  |  |  |
| 1278 | 002_UA23359034_0037 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | collar X-11                     | 0 | made of steel rod with a diameter of 16 mm  | ?   | ?    |  |  |  |  |
| 1279 | 002_UA23359034_0038 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | bracket CH-29                   | 0 | the bracket is made of a steel strip 10 mm thick  | ?   | ?    |  |  |  |  |
| 1280 | 002_UA23359034_0039 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors       | RLN-20 disconnector             | 0 | disconnecter of vertical chopping type. Rated voltage 20 kV. Rated current 400A   | pcs | 70   |  |  |  |  |
| 1281 | 002_UA23359034_0040 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | SIP 4 * 50                      | 0 | aluminum wire with a cross section of 50 mm2 in the insulation of light-stabilized cross-linked polyethylene that does not spread combustion. Jute with 4 twisted wires         | km  | 23   |  |  |  |  |
| 1282 | 002_UA23359034_0041 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | SIP 4 * 70                      | 0 | aluminum wire with a cross section of 70 mm2 in the insulation of light-stabilized cross-linked polyethylene that does not propagate combustion. Jute with 4 twisted wires      | km  | 23   |  |  |  |  |
| 1283 | 002_UA23359034_0042 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire      | SIP 4 * 95                      | 0 | aluminum wire with a core cross section of 95 mm2 in the insulation of light-stabilized cross-linked polyethylene that does not propagate combustion. Jute with 4 twisted wires | km  | 23   |  |  |  |  |
| 1284 | 002_UA23359034_0043 | Equipment | Electrical |  | 0                   | bandage tape                    | 0 | stainless steel tape 19-20 mm wide 0.75- 0.8 mm thick.  | pcs | 2100 |  |  |  |  |
| 1285 | 002_UA23359034_0044 | Equipment | Electrical |  | 0                   | bandage hook                    | 0 | linear-suspended fittings for mounting SIP  | pcs | 700  |  |  |  |  |
| 1286 | 002_UA23359034_0045 | Equipment | Electrical |  | 0                   | WTO-36 clamp                    | 0 | profiled stainless steel plate 2-3 mm thick   | pcs | 2100 |  |  |  |  |
| 1287 | 002_UA23359034_0046 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | clamp SO-118                    | 0 | linear-suspended fittings for mounting SIP  | pcs | 200  |  |  |  |  |



|      |                            |           |            |  |                     |  |   |  |     |      |  |  |  |  |  |
|------|----------------------------|-----------|------------|--|---------------------|--|---|--|-----|------|--|--|--|--|--|
| 1288 | 002_UA23359034_0047        | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | clamp SO-130   | 0 | linear-suspended fittings for mounting SIP   | pcs | 500  |  |  |  |  |  |
| 1289 | 002_UA23359034_0048        | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | ShF-20 G insulators  | 0 | pin porcelain insulator for rated voltage up to 1 kV                                     | pcs | 2600 |  |  |  |  |  |
| 1290 | 002_UA23359034_0049        | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | TF-20 insulators   | 0 | pin porcelain insulator for a nominal voltage of 20 kV                                   | pcs | 1000 |  |  |  |  |  |
| 1291 | 002_UA23359034_0050        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches            | circuit breakers 100A  | 0 | circuit breaker with electronic release for rated current 100 A                          | pcs | 230  |  |  |  |  |  |
| 1292 | 002_UA23359034_0051        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches            | circuit breakers 160A  | 0 | circuit breaker with electronic release for rated current 160 A                          | pcs | 230  |  |  |  |  |  |
| 1293 | 002_UA23359034_0052        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches            | circuit breakers 400A  | 0 | circuit breaker with electronic release for rated current 400 A                          | pcs | 230  |  |  |  |  |  |
| 1294 | 002_UA23359034_0053        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Switches            | circuit breakers 250A  | 0 | circuit breaker with electronic release for rated current 250 A                          | pcs | 230  |  |  |  |  |  |
| 1295 | 002_UA23359034_0054        | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | piercing clamp   | 0 | linear-suspended fittings for mounting SIP   | pcs | 1400 |  |  |  |  |  |
| 1296 | 002_UA23359034_0055        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-25/10  | 0 | sealed oil-filled transformer with a capacity of 25 kVA and a nominal voltage of 10 kV   | ?   | ?    |  |  |  |  |  |
| 1297 | 002_UA23359034_0056        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-25/6   | 0 | sealed oil-filled transformer with a capacity of 25 kVA and a nominal voltage of 6 kV    | ?   | ?    |  |  |  |  |  |
| 1298 | 002_UA23359034_0057        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-40/10  | 0 | sealed oil-filled transformer with a capacity of 40 kVA and a nominal voltage of 10 kV   | ?   | ?    |  |  |  |  |  |
| 1299 | 002_UA23359034_0058        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-40/6   | 0 | sealed oil-filled transformer with a capacity of 40 kVA and a nominal voltage of 6 kV    | ?   | ?    |  |  |  |  |  |
| 1300 | 002_UA23359034_0059        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-63/10  | 0 | hermetic oil-filled transformer with a capacity of 63 kVA and a nominal voltage of 10 kV | ?   | ?    |  |  |  |  |  |
| 1301 | 002_UA23359034_0060        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-63/6   | 0 | sealed oil-filled transformer with a capacity of 63 kVA and a nominal voltage of 6 kV    | ?   | ?    |  |  |  |  |  |
| 1302 | 002_UA23359034_0061        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-100/10   | 0 | sealed oil-filled transformer with a capacity of 100 kVA and a nominal voltage of 10 kV  | ?   | ?    |  |  |  |  |  |
| 1303 | 002_UA23359034_0062        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-100/6  | 0 | sealed oil-filled transformer with a capacity of 100 kVA and a nominal voltage of 6 kV   | ?   | ?    |  |  |  |  |  |
| 1304 | 002_UA23359034_0063        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-160/10   | 0 | sealed oil-filled transformer with a capacity of 160 kVA and a nominal voltage of 10 kV  | ?   | ?    |  |  |  |  |  |
| 1305 | 002_UA23359034_0064        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-160/6  | 0 | sealed oil-filled transformer with a capacity of 160 kVA and a nominal voltage of 6 kV   | ?   | ?    |  |  |  |  |  |
| 1306 | 002_UA23359034_0065        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-250/10   | 0 | sealed oil-filled transformer with a capacity of 250 kVA and a nominal voltage of 10 kV  | ?   | ?    |  |  |  |  |  |
| 1307 | 002_UA23359034_0066        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-250/6  | 0 | sealed oil-filled transformer with a capacity of 250 kVA and a nominal voltage of 6 kV   | ?   | ?    |  |  |  |  |  |
| 1308 | 002_UA23359034_0067        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-400/10   | 0 | sealed oil-filled transformer with a capacity of 400 kVA and a nominal voltage of 10 kV  | ?   | ?    |  |  |  |  |  |
| 1309 | 002_UA23359034_0068        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-400/6  | 0 | sealed oil-filled transformer with a capacity of 400 kVA and a nominal voltage of 6 kV   | ?   | ?    |  |  |  |  |  |
| 1310 | 002_UA23359034_0069        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-630/6  | 0 | sealed oil-filled transformer with a capacity of 630 kVA and a nominal voltage of 6 kV   | ?   | ?    |  |  |  |  |  |
| 1311 | 002_UA23359034_0070        | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers  | TMG-1000/6   | 0 | sealed oil-filled transformer with a capacity of 1000 kVA and a nominal voltage of 6 kV  | ?   | ?    |  |  |  |  |  |
| 1312 | 117_UA39307323_grids_000_1 | Equipment | Electrical | Devices and tools                            | Tools               | Gas burners for work on cable lines RAYCHEM                                  | 0 | 0  | pcs | 62   |  |  |  |  |  |
| 1313 | 117_UA39307323_grids_000_2 | Equipment | Electrical | Civil protection equipment                   | Backup power plants | Diesel generator set on 250 kW chassis (with 50 meters wires for connection) | 0 | 0  | pcs | 24   |  |  |  |  |  |
| 1314 | 117_UA39307323_grids_000_3 | Equipment | Electrical | Civil protection equipment                   | Backup power plants | Diesel generator set on 500 kW chassis (with 50 meters wires for connection) | 0 | 0  | pcs | 17   |  |  |  |  |  |



|      |                           |           |            |                            |                     |  |   |   |     |     |  |  |  |  |
|------|---------------------------|-----------|------------|----------------------------|---------------------|--|---|---|-----|-----|--|--|--|--|
| 1315 | 117_UA39307323_grids_0004 | Equipment | Electrical | Devices and tools          | Tools               | Open end wrench set 6 - 32 mm  | 0 | 0 | pcs | 335 |  |  |  |  |
| 1316 | 117_UA39307323_grids_0005 | Equipment | Electrical | Devices and tools          | Tools               | Cable shears   | 0 | 0 | pcs | 56  |  |  |  |  |
| 1317 | 117_UA39307323_grids_0006 | Equipment | Electrical | Machinery                  | Mechanisms          | Hydraulic press for end connectors from 10 to 240 mm.                  | 0 | 0 | pcs | 56  |  |  |  |  |
| 1318 | 117_UA39307323_grids_0007 | Equipment | Electrical | Supplies                   | Supplies            | LED floodlight, on a tripod  | 0 | 0 | pcs | 100 |  |  |  |  |
| 1319 | 117_UA39307323_grids_0008 | Equipment | Electrical | Civil protection equipment | Telecommunications  | Satellite phones   | 0 | 0 | pcs | 250 |  |  |  |  |
| 1320 | 115_UA39307323_coal_0001  | Equipment | Electrical |                            | Backup power plants | Diesel generator Matari MR70 - 68kW                                    | 0 | 0 | pcs | 2   |  |  |  |  |
| 1321 | 115_UA39307323_coal_0002  | Equipment | Electrical |                            | 0                   | Piston compressor Aircast 5B4 / F-500.LT 100-11.0 - 11kW               | 0 | 0 | pcs | 2   |  |  |  |  |
| 1322 | 115_UA39307323_coal_0003  | Equipment | Electrical |                            | 0                   | Frequency converter 55 kW  | 0 | 0 | pcs | 2   |  |  |  |  |
| 1323 | 115_UA39307323_coal_0004  | Equipment | Electrical |                            | Backup power plants | Diesel generator 75 kW   | 0 | 0 | pcs | 2   |  |  |  |  |
| 1324 | 115_UA39307323_coal_0005  | Equipment | Electrical |                            | Backup power plants | Diesel generator Start AD 60-T400 - 60 kW - not produced               | 0 | 0 | pcs | 1   |  |  |  |  |
| 1325 | 115_UA39307323_coal_0006  | Equipment | Electrical |                            | Compressors         | Piston compressor AIRCAST 5B4 / F-500.LT100, 1400 liters / min, 7.5 kW | 0 | 0 | pcs | 1   |  |  |  |  |
| 1326 | 115_UA39307323_coal_0007  | Equipment | Electrical |                            | Backup power plants | Diesel generator Matari MR 110; 105 kW                                 | 0 | 0 | pcs | 1   |  |  |  |  |
| 1327 | 115_UA39307323_coal_0008  | Equipment | Electrical |                            | Backup power plants | Diesel generator Matari MR 55; 55 kW                                   | 0 | 0 | pcs | 1   |  |  |  |  |
| 1328 | 115_UA39307323_coal_0009  | Equipment | Electrical |                            | Compressors         | Compressor Matari M100 F75-3; 7.5 kW                                   | 0 | 0 | pcs | 1   |  |  |  |  |
| 1329 | 115_UA39307323_coal_0010  | Equipment | Electrical |                            | Backup power plants | Diesel generator Matari MR 18; 20 kW                                   | 0 | 0 | pcs | 1   |  |  |  |  |

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|------|--------------------------|-----------|------------|--|---------------------|--|---|---|-------|---------|--|--|--|--|
| 1330 | 115_UA39307323_coal_0011 | Equipment | Electrical |  | Backup power plants | Diesel generator Matary MR 110   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1331 | 115_UA39307323_coal_0012 | Equipment | Electrical |  | Backup power plants | Diesel generator Matari MR 55; 55 kW   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1332 | 115_UA39307323_coal_0013 | Equipment | Electrical |  | Backup power plants | Diesel generator Matari MR 55; 55 kW   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1333 | 115_UA39307323_coal_0014 | Equipment | Electrical |  | Backup power plants | Diesel generator Konner & Sohnen KS 14-2DE ATSR  | 0 | 0 | pcs   | 2       |  |  |  |  |
| 1334 | 115_UA39307323_coal_0015 | Equipment | Electrical |  | Backup power plants | GenSet MPM 15/400 IC-L designed to provide Electric RU-0.4kV   | 0 | 0 | pcs   | 14      |  |  |  |  |
| 1335 | 115_UA39307323_coal_0016 | Equipment | Electrical |  | Backup power plants | The diesel generator is intended for providing with power of RU-0.4 kV of the building of the lifting car in case of complete disappearance of power supply from power system. | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1336 | 115_UA39307323_coal_0017 | Equipment | Electrical |  | Backup power plants | 3-Phase Diesel Generator 380V 40kW   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1337 | 115_UA39307323_coal_0018 | Equipment | Electrical |  | Backup power plants | 3-Phase Diesel Generator 380V 50kW   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1338 | 115_UA39307323_coal_0019 | Equipment | Electrical |  | Backup power plants | 3-Phase Diesel Generator 380V 38kW   | 0 | 0 | pcs   | 1       |  |  |  |  |
| 1339 | 115_UA39307323_coal_0020 | Equipment | Electrical |  | 0                   | MECHANICAL CONNECTION SMT SCREW  | 0 | 0 | 7 KMP | 460     |  |  |  |  |
| 1340 | 115_UA39307323_coal_0021 | Equipment | Electrical |  | 0                   | CUTTER ZRW 7.80  | 0 | 0 | pcs   | 1624,83 |  |  |  |  |
| 1341 | 115_UA39307323_coal_0022 | Equipment | Electrical |  | 0                   | CUTTER CL 5-80   | 0 | 0 | pcs   | 1002,33 |  |  |  |  |
| 1342 | 115_UA39307323_coal_0023 | Equipment | Electrical |  | 0                   | CUTTER CL 7.80   | 0 | 0 | pcs   | 3190,67 |  |  |  |  |
| 1343 | 115_UA39307323_coal_0024 | Equipment | Electrical |  | 0                   | CUTTER 3P4.80 / 18 TM  | 0 | 0 | pcs   | 14358   |  |  |  |  |
| 1344 | 115_UA39307323_coal_0025 | Equipment | Electrical |  | 0                   | CUTTER CL 1.48   | 0 | 0 | pcs   | 1368,67 |  |  |  |  |
| 1345 | 115_UA39307323_coal_0026 | Equipment | Electrical |  | 0                   | POLYMER CAPSULE 25 / 300U  | 0 | 0 | pcs   | 47228,8 |  |  |  |  |
| 1346 | 115_UA39307323_coal_0027 | Equipment | Electrical |  | 0                   | POLYMER CAPSULE 25 / 600H  | 0 | 0 | pcs   | 100667  |  |  |  |  |
| 1347 | 115_UA39307323_coal_0028 | Equipment | Electrical |  | 0                   | POLYMER CAPSULES COMBINE 25 / 700K   | 0 | 0 | pcs   | 13754,5 |  |  |  |  |
| 1348 | 115_UA39307323_coal_0029 | Equipment | Electrical |  | 0                   | IRON ORE CONCENTRATE   | 0 | 0 | t     | 740,46  |  |  |  |  |
| 1349 | 115_UA39307323_coal_0030 | Equipment | Electrical |  | 0                   | STEEL ARCH SUPPORT KSHPU-11,0 (SVP-22)   | 0 | 0 | 7 KMP | 1100,5  |  |  |  |  |
| 1350 | 115_UA39307323_coal_0031 | Equipment | Electrical |  | 0                   | STEEL ARCH SUPPORT KSHPU-11,7 (SVP-22)   | 0 | 0 | 7 KMP | 1479,67 |  |  |  |  |
| 1351 | 115_UA39307323_coal_0032 | Equipment | Electrical |  | 0                   | STEEL ARCH SUPPORT KSHPU-11,7 (SVP-27)   | 0 | 0 | 7 KMP | 1109,83 |  |  |  |  |
| 1352 | 115_UA39307323_coal_0033 | Equipment | Electrical |  | 0                   | STEEL ARCH SUPPORT KSHPU-13,6 (SVP-27)   | 0 | 0 | 7 KMP | 716,17  |  |  |  |  |
| 1353 | 115_UA39307323_coal_0034 | Equipment | Electrical |  | 0                   | STEEL ARCH SUPPORT KSHPU-14,4 (SVP-27)   | 0 | 0 | 7 KMP | 4160,17 |  |  |  |  |

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|------|--------------------------|-----------|------------|--|------|---|---|---|-------|---------|--|--|--|--|
| 1354 | 115_UA39307323_coal_0035 | Equipment | Electrical |  | 0    | STEEL ARCH SUPPORT KSHPU-15,0 (SVP-27)      | 0 | 0 | ? KMP | 470     |  |  |  |  |
| 1355 | 115_UA39307323_coal_0036 | Equipment | Electrical |  | 0    | STEEL ARCH SUPPORT KSHPU-17,7 (SVP-27)      | 0 | 0 | ? KMP | 2475,83 |  |  |  |  |
| 1356 | 115_UA39307323_coal_0037 | Equipment | Electrical |  | 0    | STEEL ARCH SUPPORT KSHPU-20,2 (SVP-27)      | 0 | 0 | ? KMP | 249     |  |  |  |  |
| 1357 | 115_UA39307323_coal_0038 | Equipment | Electrical |  | 0    | Connecting finger link 26x92 class D FASIN  | 0 | 0 | pcs   | 136,67  |  |  |  |  |
| 1358 | 115_UA39307323_coal_0039 | Equipment | Electrical |  | 0    | WOODEN BEAM Ø14-19CM L2,8M                  | 0 | 0 | cub.m | 80      |  |  |  |  |
| 1359 | 115_UA39307323_coal_0040 | Equipment | Electrical |  | 0    | WOODEN BEAM Ø14-19CM L2M                    | 0 | 0 | cub.m | 228,63  |  |  |  |  |
| 1360 | 115_UA39307323_coal_0041 | Equipment | Electrical |  | 0    | WOODEN BEAM Ø14-19CM L3,8M                  | 0 | 0 | cub.m | 3165,92 |  |  |  |  |
| 1361 | 115_UA39307323_coal_0042 | Equipment | Electrical |  | 0    | WOODEN BEAM Ø14-19CM L3M                    | 0 | 0 | cub.m | 627,5   |  |  |  |  |
| 1362 | 115_UA39307323_coal_0043 | Equipment | Electrical |  | 0    | WOODEN BEAM Ø14-19CM L4M                    | 0 | 0 | cub.m | 2538,07 |  |  |  |  |
| 1363 | 115_UA39307323_coal_0044 | Equipment | Electrical |  | 0    | CLIP 1B20 / 10                              | 0 | 0 | pcs   | 230     |  |  |  |  |
| 1364 | 115_UA39307323_coal_0045 | Equipment | Electrical |  | 0    | REPAIR KIT 1B20 / 10                        | 0 | 0 | pcs   | 18,67   |  |  |  |  |
| 1365 | 115_UA39307323_coal_0046 | Equipment | Electrical |  | 0    | CUTTER ARMOBIT 32.88.60.75                  | 0 | 0 | pcs   | 177     |  |  |  |  |
| 1366 | 115_UA39307323_coal_0047 | Equipment | Electrical |  | 0    | CUTTER AWR 32.88.60.75/18 KM                | 0 | 0 | pcs   | 1039,33 |  |  |  |  |
| 1367 | 115_UA39307323_coal_0048 | Equipment | Electrical |  | 0    | CUTTER ARMOBIT 32.88.60.90                  | 0 | 0 | pcs   | 458,67  |  |  |  |  |
| 1368 | 115_UA39307323_coal_0049 | Equipment | Electrical |  | 0    | CUTTER BF58 145X38X22                       | 0 | 0 | pcs   | 1972,33 |  |  |  |  |
| 1369 | 115_UA39307323_coal_0050 | Equipment | Electrical |  | 0    | CUTTER BG32P-22.5570 (BSR246)               | 0 | 0 | pcs   | 1193,83 |  |  |  |  |
| 1370 | 115_UA39307323_coal_0051 | Equipment | Electrical |  | 0    | CUTTER BG32P-19.5590 (BSR270)               | 0 | 0 | pcs   | 329     |  |  |  |  |
| 1371 | 115_UA39307323_coal_0052 | Equipment | Electrical |  | 0    | CUTTER KSP 32.00.00.100                     | 0 | 0 | pcs   | 859,5   |  |  |  |  |
| 1372 | 115_UA39307323_coal_0053 | Equipment | Electrical |  | 0    | CUTTER RPP 2M                               | 0 | 0 | pcs   | 7,5     |  |  |  |  |
| 1373 | 115_UA39307323_coal_0054 | Equipment | Electrical |  | 0    | Lag f10-13cm L4M                            | 0 | 0 | cub.m | 837,95  |  |  |  |  |
| 1374 | 115_UA39307323_coal_0055 | Equipment | Electrical |  | 0    | HEADLIGHT SVG-6                             | 0 | 0 | pcs   | 453     |  |  |  |  |
| 1375 | 115_UA39307323_coal_0056 | Equipment | Electrical |  | 0    | MINE SUPPORT MESH 1,0X1,0 CONVLATED         | 0 | 0 | pcs   | 11320,8 |  |  |  |  |
| 1376 | 115_UA39307323_coal_0057 | Equipment | Electrical |  | 0    | MINE SUPPORT MESH 1.0X1.2                   | 0 | 0 | pcs   | 18425,8 |  |  |  |  |
| 1377 | 115_UA39307323_coal_0058 | Equipment | Electrical |  | 0    | MINE SUPPORT MESH 1.0X2.0                   | 0 | 0 | pcs   | 13769,2 |  |  |  |  |
| 1378 | 115_UA39307323_coal_0059 | Equipment | Electrical |  | 0    | PIPE 159X4,5 CT3                            | 0 | 0 | t     | 7       |  |  |  |  |
| 1379 | 115_UA39307323_coal_0060 | Equipment | Electrical |  | 0    | PIPELINE PSH 150-159.3-4,5.10000ANT / P     | 0 | 0 | pcs   | 970,33  |  |  |  |  |
| 1380 | 115_UA39307323_coal_0061 | Equipment | Electrical |  | Wire | Fire protection filter RPA PPE FP-210       | 0 | 0 | pcs   | 189022  |  |  |  |  |
| 1381 | 115_UA39307323_coal_0062 | Equipment | Electrical |  | 0    | DRILL ROD S19 L1,0M                         | 0 | 0 | pcs   | 48,67   |  |  |  |  |
| 1382 | 115_UA39307323_coal_0063 | Equipment | Electrical |  | 0    | DRILL ROD S19 L1,8M                         | 0 | 0 | pcs   | 44,33   |  |  |  |  |
| 1383 | 115_UA39307323_coal_0064 | Equipment | Electrical |  | 0    | DRILL ROD S19 L2,4M                         | 0 | 0 | pcs   | 106,67  |  |  |  |  |
| 1384 | 115_UA39307323_coal_0065 | Equipment | Electrical |  | 0    | SPIRAL TWIST DRILL ROD Ø27 L1,0M            | 0 | 0 | pcs   | 128,33  |  |  |  |  |
| 1385 | 115_UA39307323_coal_0066 | Equipment | Electrical |  | 0    | SPIRAL TWIST DRILL ROD Ø28 L1,8M            | 0 | 0 | pcs   | 93,17   |  |  |  |  |
| 1386 | 115_UA39307323_coal_0067 | Equipment | Electrical |  | 0    | SPIRAL TWIST DRILL ROD Ø28 L2,4M            | 0 | 0 | pcs   | 300,83  |  |  |  |  |
| 1387 | 115_UA39307323_coal_0068 | Equipment | Electrical |  | 0    | DRILL ROD S22 R17 L6M                       | 0 | 0 | pcs   | 8,67    |  |  |  |  |
| 1388 | 115_UA39307323_coal_0069 | Equipment | Electrical |  | 0    | TRACTION CHAIN 26X92 CLASS D3               | 0 | 0 | m     | 4960    |  |  |  |  |
| 1389 | 115_UA39307323_coal_0070 | Equipment | Electrical |  | 0    | TWO-CHAIN ROUTE 24X86PK/LD3-3X2X11-480      | 0 | 0 | m     | 2400    |  |  |  |  |
| 1390 | 115_UA39307323_coal_0071 | Equipment | Electrical |  | 0    | TRACTION CHAIN 30X108 CLASS D3 FASING       | 0 | 0 | m     | 2480    |  |  |  |  |
| 1391 | 115_UA39307323_coal_0072 | Equipment | Electrical |  | 0    | Connecting finger link 26x92 class D FASIN  | 0 | 0 | pcs   | 800     |  |  |  |  |
| 1392 | 115_UA39307323_coal_0073 | Equipment | Electrical |  | 0    | Connecting finger link 30x108 class D FASIN | 0 | 0 | pcs   | 250     |  |  |  |  |

|      |                          |           |            |  |   |   |   |   |      |         |  |  |  |  |
|------|--------------------------|-----------|------------|--|---|---|---|---|------|---------|--|--|--|--|
| 1393 | 115_UA39307323_coal_0074 | Equipment | Electrical |  | 0 | Lock for two-chain route 24X86 CLASS D FASIN (CT26V.21.00.002 (frog)) | 0 | 0 | pcs  | 1000    |  |  |  |  |
| 1394 | 115_UA39307323_coal_0075 | Equipment | Electrical |  | 0 | ASSEMBLY LINE 2.2 TK-200-1400X5-5 / 2                                 | 0 | 0 | sq.m | 50      |  |  |  |  |
| 1395 | 115_UA39307323_coal_0076 | Equipment | Electrical |  | 0 | ASSEMBLY LINE 2,1-1600-7TK200-2-8-3-6-PE                              | 0 | 0 | sq.m | 50      |  |  |  |  |
| 1396 | 115_UA39307323_coal_0077 | Equipment | Electrical |  | 0 | ASSEMBLY LINE 2.2-1000-5-TK-200-2-5-2-4-PE                            | 0 | 0 | sq.m | 75      |  |  |  |  |
| 1397 | 115_UA39307323_coal_0078 | Equipment | Electrical |  | 0 | ASSEMBLY LINE.1400 GTP EP 1000/5 4,5 + 3,5V                           | 0 | 0 | sq.m | 250     |  |  |  |  |
| 1398 | 115_UA39307323_coal_0079 | Equipment | Electrical |  | 0 | ASSEMBLY LINE.1200 GTP EP 1000/5 4.5 + 3.5                            | 0 | 0 | sq.m | 250     |  |  |  |  |
| 1399 | 115_UA39307323_coal_0080 | Equipment | Electrical |  | 0 | ASSEMBLY LINE 2.2 --1200-5 TK-200-2-5-2                               | 0 | 0 | m    | 50      |  |  |  |  |
| 1400 | 115_UA39307323_coal_0081 | Equipment | Electrical |  | 0 | ASSEMBLY LINE 1400 TZ 1000/5 PP 5 + 2                                 | 0 | 0 | sq.m | 150     |  |  |  |  |
| 1401 | 115_UA39307323_coal_0082 | Equipment | Electrical |  | 0 | VENTILATION DUCT Ø1000 20M  | 0 | 0 | m    | 1903,12 |  |  |  |  |
| 1402 | 115_UA39307323_coal_0083 | Equipment | Electrical |  | 0 | MINE VENTILATION DUCT Ø1000 100PM                                     | 0 | 0 | m    | 1525    |  |  |  |  |
| 1403 | 115_UA39307323_coal_0084 | Equipment | Electrical |  | 0 | FLEXIBLE MINE VENTILATION DUCT Ø1000                                  | 0 | 0 | m    | 279,17  |  |  |  |  |
| 1404 | 115_UA39307323_coal_0085 | Equipment | Electrical |  | 0 | FLEXIBLE MINE VENTILATION DUCT 800MM                                  | 0 | 0 | m    | 58,33   |  |  |  |  |
| 1405 | 115_UA39307323_coal_0086 | Equipment | Electrical |  | 0 | VENTILATION DUCT Ø800   | 0 | 0 | m    | 1293,33 |  |  |  |  |
| 1406 | 115_UA39307323_coal_0087 | Equipment | Electrical |  | 0 | VENTILATION DUCT Ø800 100M  | 0 | 0 | m    | 1120    |  |  |  |  |
| 1407 | 115_UA39307323_coal_0088 | Equipment | Electrical |  | 0 | ANCHOR METAL COTTER PINS №22 2,4M SB T22 (27) W133X133                | 0 | 0 | pcs  | 4962,17 |  |  |  |  |
| 1408 | 115_UA39307323_coal_0089 | Equipment | Electrical |  | 0 | ANCHOR METAL COTTER PINS №22 1,5M SB T22 (27) W133X133                | 0 | 0 | pcs  | 2168,33 |  |  |  |  |
| 1409 | 115_UA39307323_coal_0090 | Equipment | Electrical |  | 0 | ANCHOR IRMA 110 12.0M   | 0 | 0 | pcs  | 131,17  |  |  |  |  |
| 1410 | 115_UA39307323_coal_0091 | Equipment | Electrical |  | 0 | ELECTRODE ANO-4 F3  | 0 | 0 | kg   | 450     |  |  |  |  |
| 1411 | 115_UA39307323_coal_0092 | Equipment | Electrical |  | 0 | ELECTRODE ANO-4 F5  | 0 | 0 | kg   | 2315    |  |  |  |  |
| 1412 | 115_UA39307323_coal_0093 | Equipment | Electrical |  | 0 | ELECTRODE 13/55 F4 GOST 9466-75                                       | 0 | 0 | kg   | 678,5   |  |  |  |  |
| 1413 | 115_UA39307323_coal_0094 | Equipment | Electrical |  | 0 | GATE VALVE ДУ32 ЧП (PRESSURE)   | 0 | 0 | pcs  | 650,83  |  |  |  |  |
| 1414 | 115_UA39307323_coal_0095 | Equipment | Electrical |  | 0 | GATE VALVE ДУ12 РП  | 0 | 0 | pcs  | 183,33  |  |  |  |  |
| 1415 | 115_UA39307323_coal_0096 | Equipment | Electrical |  | 0 | GATE VALVE ДУ12 РУ  | 0 | 0 | pcs  | 490,17  |  |  |  |  |
| 1416 | 115_UA39307323_coal_0097 | Equipment | Electrical |  | 0 | GATE VALVE ДУ12 ЧП  | 0 | 0 | pcs  | 12894,7 |  |  |  |  |
| 1417 | 115_UA39307323_coal_0098 | Equipment | Electrical |  | 0 | GATE VALVE ДУ20 РП  | 0 | 0 | pcs  | 279,17  |  |  |  |  |
| 1418 | 115_UA39307323_coal_0099 | Equipment | Electrical |  | 0 | GATE VALVE ДУ25 ЧП  | 0 | 0 | pcs  | 1121,5  |  |  |  |  |
| 1419 | 115_UA39307323_coal_0100 | Equipment | Electrical |  | 0 | GATE VALVE ДУ8 ЧП   | 0 | 0 | pcs  | 2907,83 |  |  |  |  |
| 1420 | 115_UA39307323_coal_0101 | Equipment | Electrical |  | 0 | ROPE 22.5 DSTU 2688-80  | 0 | 0 | kg   | 35,22   |  |  |  |  |
| 1421 | 115_UA39307323_coal_0102 | Equipment | Electrical |  | 0 | METAL WHEEL 12 ST3  | 0 | 0 | t    | 0,61    |  |  |  |  |
| 1422 | 115_UA39307323_coal_0103 | Equipment | Electrical |  | 0 | CUT-OFF WHEEL 14A 125X1,0X22,2 METAL                                  | 0 | 0 | pcs  | 125,83  |  |  |  |  |
| 1423 | 115_UA39307323_coal_0104 | Equipment | Electrical |  | 0 | CUT-OFF WHEEL 14A 125X1,2X22,2 METAL                                  | 0 | 0 | pcs  | 113,67  |  |  |  |  |
| 1424 | 115_UA39307323_coal_0105 | Equipment | Electrical |  | 0 | CUT-OFF WHEEL 14A 125X2X22,2 METAL                                    | 0 | 0 | pcs  | 106,83  |  |  |  |  |
| 1425 | 115_UA39307323_coal_0106 | Equipment | Electrical |  | 0 | CUT-OFF WHEEL 14A 180X1,6X22  | 0 | 0 | pcs  | 181,33  |  |  |  |  |
| 1426 | 115_UA39307323_coal_0107 | Equipment | Electrical |  | 0 | CUT-OFF WHEEL 14A 180X2,5X22 METAL                                    | 0 | 0 | pcs  | 70,83   |  |  |  |  |

|      |                          |           |            |  |       |                                       |   |   |      |         |  |  |  |  |
|------|--------------------------|-----------|------------|--|-------|---------------------------------------|---|---|------|---------|--|--|--|--|
| 1427 | 115_UA39307323_coal_0108 | Equipment | Electrical |  | 0     | CUT-OFF WHEEL 14A 180X2X22 METAL      | 0 | 0 | pcs  | 339,67  |  |  |  |  |
| 1428 | 115_UA39307323_coal_0109 | Equipment | Electrical |  | 0     | CUT-OFF WHEEL 14A 230X2,5X22 METAL    | 0 | 0 | pcs  | 552,33  |  |  |  |  |
| 1429 | 115_UA39307323_coal_0110 | Equipment | Electrical |  | 0     | CUT-OFF WHEEL 14A 230X2X22 METAL      | 0 | 0 | pcs  | 453,83  |  |  |  |  |
| 1430 | 115_UA39307323_coal_0111 | Equipment | Electrical |  | 0     | CUT-OFF WHEEL 14A 230X3X22 METAL      | 0 | 0 | pcs  | 27      |  |  |  |  |
| 1431 | 115_UA39307323_coal_0112 | Equipment | Electrical |  | 0     | GRINDING WHEEL ARMORED 14A 230X6X22   | 0 | 0 | pcs  | 39,67   |  |  |  |  |
| 1432 | 115_UA39307323_coal_0113 | Equipment | Electrical |  | 0     | STEEL SHEET 10 CTS355I2               | 0 | 0 | t    | 1,95    |  |  |  |  |
| 1433 | 115_UA39307323_coal_0114 | Equipment | Electrical |  | 0     | STEEL SHEET 2 ST3                     | 0 | 0 | t    | 0,81    |  |  |  |  |
| 1434 | 115_UA39307323_coal_0115 | Equipment | Electrical |  | 0     | STEEL SHEET 4 ST3                     | 0 | 0 | t    | 5,45    |  |  |  |  |
| 1435 | 115_UA39307323_coal_0116 | Equipment | Electrical |  | 0     | STEEL SHEET 10 ST3                    | 0 | 0 | t    | 7,62    |  |  |  |  |
| 1436 | 115_UA39307323_coal_0117 | Equipment | Electrical |  | 0     | STEEL SHEET 3 ST3                     | 0 | 0 | t    | 4,1     |  |  |  |  |
| 1437 | 115_UA39307323_coal_0118 | Equipment | Electrical |  | 0     | STEEL SHEET 6 ST3                     | 0 | 0 | t    | 1,38    |  |  |  |  |
| 1438 | 115_UA39307323_coal_0119 | Equipment | Electrical |  | 0     | STEEL SHEET 8 ST3                     | 0 | 0 | t    | 1,97    |  |  |  |  |
| 1439 | 115_UA39307323_coal_0120 | Equipment | Electrical |  | Cable | CABLE MASTIC MB 70/60                 | 0 | 0 | kg   | 1811,5  |  |  |  |  |
| 1440 | 115_UA39307323_coal_0121 | Equipment | Electrical |  | 0     | Repair Kit RN-3                       | 0 | 0 | ?    | 51,67   |  |  |  |  |
| 1441 | 115_UA39307323_coal_0122 | Equipment | Electrical |  | 0     | REPAIR KIT PH-2                       | 0 | 0 | ?    | 37,17   |  |  |  |  |
| 1442 | 115_UA39307323_coal_0123 | Equipment | Electrical |  | 0     | REPAIR KIT PH-3-33                    | 0 | 0 | pcs  | 21,17   |  |  |  |  |
| 1443 | 115_UA39307323_coal_0124 | Equipment | Electrical |  | 0     | PUMP NSH 10M-3                        | 0 | 0 | pcs  | 10      |  |  |  |  |
| 1444 | 115_UA39307323_coal_0125 | Equipment | Electrical |  | 0     | PUMP NSH 10M-ZL                       | 0 | 0 | pcs  | 3       |  |  |  |  |
| 1445 | 115_UA39307323_coal_0126 | Equipment | Electrical |  | 0     | PUMP NSH 50A-3L                       | 0 | 0 | pcs  | 7       |  |  |  |  |
| 1446 | 115_UA39307323_coal_0127 | Equipment | Electrical |  | 0     | PUMP NSH 50M-4L                       | 0 | 0 | pcs  | 27      |  |  |  |  |
| 1447 | 115_UA39307323_coal_0128 | Equipment | Electrical |  | 0     | NEPHRAS 80/120                        | 0 | 0 | kg   | 89,44   |  |  |  |  |
| 1448 | 115_UA39307323_coal_0129 | Equipment | Electrical |  | 0     | NEPHRAS D                             | 0 | 0 | t    | 0,27    |  |  |  |  |
| 1449 | 115_UA39307323_coal_0130 | Equipment | Electrical |  | 0     | NEPHRAS C2-80 / 120                   | 0 | 0 | t    | 0,03    |  |  |  |  |
| 1450 | 115_UA39307323_coal_0131 | Equipment | Electrical |  | 0     | SLEEVE B / W 45P 12                   | 0 | 0 | m    | 11110,8 |  |  |  |  |
| 1451 | 115_UA39307323_coal_0132 | Equipment | Electrical |  | 0     | SLEEVE B / W 45P 25                   | 0 | 0 | m    | 2445,98 |  |  |  |  |
| 1452 | 115_UA39307323_coal_0133 | Equipment | Electrical |  | 0     | SLEEVE B / W 25N 12                   | 0 | 0 | m    | 1234,25 |  |  |  |  |
| 1453 | 115_UA39307323_coal_0134 | Equipment | Electrical |  | 0     | SLEEVE B / W 25N 16                   | 0 | 0 | m    | 381,67  |  |  |  |  |
| 1454 | 115_UA39307323_coal_0135 | Equipment | Electrical |  | 0     | SLEEVE B / W 25N 20                   | 0 | 0 | m    | 555     |  |  |  |  |
| 1455 | 115_UA39307323_coal_0136 | Equipment | Electrical |  | 0     | SLEEVE B / W 25N 8                    | 0 | 0 | m    | 1234,73 |  |  |  |  |
| 1456 | 115_UA39307323_coal_0137 | Equipment | Electrical |  | 0     | SLEEVE B / W 45P 20                   | 0 | 0 | m    | 1057,5  |  |  |  |  |
| 1457 | 115_UA39307323_coal_0138 | Equipment | Electrical |  | 0     | PIPE P / E 50 SDR21 50X2.4 RU0.6 PE80 | 0 | 0 | m    | 1353,25 |  |  |  |  |
| 1458 | 115_UA39307323_coal_0139 | Equipment | Electrical |  | 0     | PIPE P / E 75 SDR21 75X3.6 PU0.6 PE80 | 0 | 0 | m    | 3231    |  |  |  |  |
| 1459 | 115_UA39307323_coal_0140 | Equipment | Electrical |  | 0     | PIPE P / E 75X5.6 SDR13.6 PU1.0 PE80  | 0 | 0 | m    | 8086,17 |  |  |  |  |
| 1460 | 115_UA39307323_coal_0141 | Equipment | Electrical |  | 0     | MINE ASSEMBLY LINE 1000-1250          | 0 | 0 | sq.m | 2000    |  |  |  |  |
| 1461 | 115_UA39307323_coal_0142 | Equipment | Electrical |  | 0     | ROPE 25.5 DSTU 3077-80                | 0 | 0 | m    | 2000    |  |  |  |  |
| 1462 | 115_UA39307323_coal_0143 | Equipment | Electrical |  | 0     | GLUE ERKADOLL (COMP A)                | 0 | 0 | kg   | 3065    |  |  |  |  |
| 1463 | 115_UA39307323_coal_0144 | Equipment | Electrical |  | 0     | GLUE ERKODUR (COMP B)                 | 0 | 0 | kg   | 3675    |  |  |  |  |

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|------|--------------------------------|-----------|------------|---|----------------------------|--|---|---|------|---------|--|--|--|--|
| 1464 | 115_UA39307323_coal_0145       | Equipment | Electrical |   | 0                          | ASSEMBLY LINE 25HTS (TG) 1000-5-EP-200-4,5-3,5-TK  | 0 | 0 | sq.m | 60,5    |  |  |  |  |
| 1465 | 115_UA39307323_coal_0146       | Equipment | Electrical |   | 0                          | MINE ASSEMBLY LINE 1200-1000   | 0 | 0 | sq.m | 206,5   |  |  |  |  |
| 1466 | 115_UA39307323_coal_0147       | Equipment | Electrical |   | 0                          | MINE ASSEMBLY LINE 800-800   | 0 | 0 | sq.m | 25,42   |  |  |  |  |
| 1467 | 115_UA39307323_coal_0148       | Equipment | Electrical |   | 0                          | MINE ASSEMBLY LINE 1000-1000   | 0 | 0 | sq.m | 2779,25 |  |  |  |  |
| 1468 | 115_UA39307323_coal_0149       | Equipment | Electrical |   | 0                          | ASSEMBLY LINE UP 1400MM 1000H / MM4.5 / 3.5  | 0 | 0 | sq.m | 129,93  |  |  |  |  |
| 1469 | 115_UA39307323_coal_0150       | Equipment | Electrical |   | 0                          | ASSEMBLY LINE SHV 1200MM 1000 N / MM 4.5 / 3.5   | 0 | 0 | sq.m | 128,92  |  |  |  |  |
| 1470 | 115_UA39307323_coal_0151       | Equipment | Electrical |   | 0                          | MINE ASSEMBLY LINE 1000-1250   | 0 | 0 | sq.m | 682,06  |  |  |  |  |
| 1471 | 115_UA39307323_coal_0152       | Equipment | Electrical |   | 0                          | ASSEMBLY LINE SHV 1000MM 1000 N / MM 4.5 / 3.5   | 0 | 0 | sq.m | 27,42   |  |  |  |  |
| 1472 | 115_UA39307323_coal_0153       | Equipment | Electrical |   | 0                          | MINE ASSEMBLY LINE 1000-2000   | 0 | 0 | sq.m | 269,33  |  |  |  |  |
| 1473 | 115_UA39307323_coal_0154       | Equipment | Electrical |   | Cable                      | CABLE B3B66W8-6 3X70 + 1X10  | 0 | 0 | kg   | 0,86    |  |  |  |  |
| 1474 | 115_UA39307323_coal_0155       | Equipment | Electrical |   | Cable                      | CABLE KSHA 4X0,6 (TASHS 1X4X0,64)  | 0 | 0 | kg   | 16,2    |  |  |  |  |
| 1475 | 115_UA39307323_coal_0156       | Equipment | Electrical |   | Cable                      | CABLE KTT3ПШБ 10X2X0,7 (ТППШБ 10X2X0,64)   | 0 | 0 | kg   | 6,56    |  |  |  |  |
| 1476 | 115_UA39307323_coal_0157       | Equipment | Electrical |   | Cable                      | CABLE KTT3ПШБ 20X2X0,7 (ТППШБ 20X2X0,64)   | 0 | 0 | kg   | 1,69    |  |  |  |  |
| 1477 | 115_UA39307323_coal_0158       | Equipment | Electrical |   | Cable                      | CABLE K73Ш 3X50 + 1X10 + 3X4   | 0 | 0 | kg   | 0,89    |  |  |  |  |
| 1478 | 115_UA39307323_coal_0159       | Equipment | Electrical |   | Cable                      | CABLE KCLIA 1X4X0,6  | 0 | 0 | kg   | 4,07    |  |  |  |  |
| 1479 | 115_UA39307323_coal_0160       | Equipment | Electrical |   | Cable                      | CABLE KSHVEBBSHV6 3X95 + 1X35 (VEVBBSHV6 3X95 + 1X10)  | 0 | 0 | kg   | 1,13    |  |  |  |  |
| 1480 | 116_UA39307323_generation_0001 | Equipment | Electrical | Civil protection equipment                        | Backup power plants        | Diesel-powered motor pumps with a capacity of 150/200 m3 / hour  | 0 | 0 | pcs  | 16      |  |  |  |  |
| 1481 | 116_UA39307323_generation_0002 | Equipment | Electrical | Civil protection equipment                        | Backup power plants        | Diesel generators starting from 40kW 380V  | 0 | 0 | pcs  | 16      |  |  |  |  |
| 1482 | 116_UA39307323_generation_0003 | Equipment | Electrical | Civil protection equipment                        | Backup power plants        | Diesel generators 25 kW 380/220 kV   | 0 | 0 | pcs  | 32      |  |  |  |  |
| 1483 | 116_UA39307323_generation_0004 | Equipment | Electrical | Civil protection equipment                        | 0                          | Submersible pumps with performance 16 + 25 of m3 / hour a pressure 1 + 1,6 of kgf / cm2                              | 0 | 0 | pcs  | 40      |  |  |  |  |
| 1484 | 116_UA39307323_generation_0005 | Equipment | Electrical | Civil protection equipment                        | 0                          | Mobile complex for the preparation of drinking water 20m3 per day  | 0 | 0 | pcs  | 8       |  |  |  |  |
| 1485 | 116_UA39307323_generation_0006 | Equipment | Electrical | Civil protection equipment                        | 0                          | Rechargeable LED spotlights 25 / 50W   | 0 | 0 | pcs  | 80      |  |  |  |  |
| 1486 | 116_UA39307323_generation_0007 | Equipment | Electrical |   | 0                          | Portable rebar hydraulic scissors  | 0 | 0 | pcs  | 8       |  |  |  |  |
| 1487 | 116_UA39307323_generation_0008 | Equipment | Electrical |   | 0                          | Hydraulic hand jack  | 0 | 0 | pcs  | 16      |  |  |  |  |
| 1488 | 116_UA39307323_generation_0009 | Equipment | Electrical | Civil protection equipment                        | Backup power plants        | Diesel generator with built-in welding apparatus 300 A - 400A  | 0 | 0 | pcs  | 8       |  |  |  |  |
| 1489 | 116_UA39307323_generation_0010 | Equipment | Electrical | Civil protection equipment                        | Backup power plants        | Diesel-powered air compressor with a capacity of 30 50 m3 / hour head up to 10 kgf / cm2                             | 0 | 0 | pcs  | 8       |  |  |  |  |
| 1490 | 116_UA39307323_generation_0011 | Equipment | Electrical | Means of dispatching and technological management | Radio station              | Autonomous radio station (walkie-talkie) with range up to 1000 m   | 0 | 0 | pcs  | 80      |  |  |  |  |
| 1491 | 116_UA39307323_generation_0012 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Power transformers         | Autotransformers AT-1,2: - high-voltage bushings (in / into) 150kV - ETFr 650-172-1600 C E5 124 HSP type (or analog) | 0 | 0 | pcs  | 6       |  |  |  |  |
| 1492 | 116_UA39307323_generation_0013 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Power transformers         | Autotransformers AT-1,2: - (in / into) 330kV - ETFr 1175-363-1250B9306 HSP type (or analog)                          | 0 | 0 | pcs  | 6       |  |  |  |  |
| 1493 | 116_UA39307323_generation_0014 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Power transformers         | Autotransformers AT-1,2: - RPN type RNOA-220/1000 in phases "A," "B," "C" (or analog)                                | 0 | 0 | pcs  | 6       |  |  |  |  |
| 1494 | 116_UA39307323_generation_0015 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Power transformers         | Transformers of block 1T, 4T: - in / into 150kV inputs for 1T - ETFr 650-172-1600 C E5 124 HSP type (or analog)      | 0 | 0 | pcs  | 3       |  |  |  |  |
| 1495 | 116_UA39307323_generation_0016 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Power transformers         | Transformers of block 1T, 4T: - in / into inputs 330kV - ETFr 1175-363-1250B9306 HSP type (or analog)                | 0 | 0 | pcs  | 3       |  |  |  |  |
| 1496 | 116_UA39307323_generation_0017 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Switches and disconnectors | 150kV switches: - in cells: 1GT, 2GT, L-172, Sh-1 of type LTB 170E1 4000A, 40kA (or analog)                          | 0 | 0 | pcs  | 4       |  |  |  |  |
| 1497 | 116_UA39307323_generation_0018 | Equipment | Electrical | Equipment for 110/35/10 kV substations            | Switches and disconnectors | 330kV switches: - in cells: VP-1, AT-330, 3,4GT, VP-2 of type LTB 420Ye2. 4000A, 40kA (or analog)                    | 0 | 0 | pcs  | 4       |  |  |  |  |

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|------|--------------------------------|-----------|------------|--|----------------------------|--|---|---|-----|------|--|--|--|--|
| 1498 | 116_UA39307323_generation_0019 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Current transformer 20 kV  | 0 | 0 | pcs | 12   |  |  |  |  |
| 1499 | 116_UA39307323_generation_0020 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Voltage transformer 20 kV  | 0 | 0 | pcs | 24   |  |  |  |  |
| 1500 | 116_UA39307323_generation_0021 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Current transformer 150 kV   | 0 | 0 | pcs | 9    |  |  |  |  |
| 1501 | 116_UA39307323_generation_0022 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Current transformer 330 kV   | 0 | 0 | pcs | 12   |  |  |  |  |
| 1502 | 116_UA39307323_generation_0023 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Voltage transformer 150 kV   | 0 | 0 | pcs | 9    |  |  |  |  |
| 1503 | 116_UA39307323_generation_0024 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches and disconnectors | 6kV vacuum switch  | 0 | 0 | pcs | 24   |  |  |  |  |
| 1504 | 116_UA39307323_generation_0025 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers         | Three-winding autotransformers ATDTSTN-200000/220/110-U1 with low voltage winding 6.6 kV   | 0 | 0 | pcs | 2    |  |  |  |  |
| 1505 | 116_UA39307323_generation_0026 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers         | Power transformers TDNG-10000/110 / 3.15kV   | 0 | 0 | pcs | 2    |  |  |  |  |
| 1506 | 116_UA39307323_generation_0027 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers         | Power transformer TDING-31500/110 / 6.3kV  | 0 | 0 | pcs | 1    |  |  |  |  |
| 1507 | 116_UA39307323_generation_0028 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Current transformers TF2M-123 II - IV.1 UHL1   | 0 | 0 | pcs | 18   |  |  |  |  |
| 1508 | 116_UA39307323_generation_0029 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Current transformers TF2M-245 II - IV UHL1   | 0 | 0 | pcs | 18   |  |  |  |  |
| 1509 | 116_UA39307323_generation_0030 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Voltage transformers NOG-123 IV  | 0 | 0 | pcs | 6    |  |  |  |  |
| 1510 | 116_UA39307323_generation_0031 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers    | Voltage transformers NOG-245 II - IV   | 0 | 0 | pcs | 6    |  |  |  |  |
| 1511 | 116_UA39307323_generation_0032 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                   | Gas-insulated switches LTB-245E1 in three-phase version  | 0 | 0 | pcs | 4    |  |  |  |  |
| 1512 | 116_UA39307323_generation_0033 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                   | Gas-insulated switches LTB-145D1 in three-phase version  | 0 | 0 | pcs | 8    |  |  |  |  |
| 1513 | 116_UA39307323_generation_0034 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters       | Over-voltage limiters are non-linear in single-phase design Tyco Electronics PCA33 198LS2M4-8, or their analogs in electrical and mechanical characteristics with connection elements and supporting and mounting structures | 0 | 0 | pcs | 18   |  |  |  |  |
| 1514 | 116_UA39307323_generation_0035 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters       | Over-voltage limiters are non-linear in single-phase design Tyco Electronics PCA3 108LS2M48, or their analogues in electrical and mechanical characteristics with connection elements and supporting and mounting structures | 0 | 0 | pcs | 12   |  |  |  |  |
| 1515 | 116_UA39307323_generation_0036 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors              | Disconnectors Alstom SZDAT-245 in three-phase version  | 0 | 0 | pcs | 4    |  |  |  |  |
| 1516 | 116_UA39307323_generation_0037 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors              | Disconnectors Alstom SZDAT-145 in three-phase version  | 0 | 0 | pcs | 10   |  |  |  |  |
| 1517 | 116_UA39307323_generation_0038 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Wire                       | Non-insulated steel-aluminum wire GOST 839-80 type AC-300/39 for overhead lines  | 0 | 0 | m   | 3000 |  |  |  |  |
| 1518 | 116_UA39307323_generation_0039 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Wire                       | Non-insulated steel-aluminum wire GOST 839-80 type AC-400 / 27.7 for overhead lines  | 0 | 0 | m   | 3000 |  |  |  |  |
| 1519 | 116_UA39307323_generation_0040 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature            | Hardware clamp A4A-400-2T  | 0 | 0 | pcs | 18   |  |  |  |  |

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|------|--------------------------------|-----------|------------|--|---------------------|---|---|------------------------------------|-----|------|--|--|--|--|
| 1520 | 116_UA39307323_generation_0041 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Hardware clamp A4A-300                          | 0 | 0                                  | pcs | 18   |  |  |  |  |
| 1521 | 116_UA39307323_generation_0042 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Connecting clamp SAS-300-1                      | 0 | 0                                  | pcs | 18   |  |  |  |  |
| 1522 | 116_UA39307323_generation_0043 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Connecting clamp SAS-400-1                      | 0 | 0                                  | pcs | 18   |  |  |  |  |
| 1523 | 116_UA39307323_generation_0044 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Tensioning clamp is pressed NAS-300-1           | 0 | 0                                  | pcs | 18   |  |  |  |  |
| 1524 | 116_UA39307323_generation_0045 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Clamp detachable branch pressed ROA-300-1       | 0 | 0                                  | pcs | 24   |  |  |  |  |
| 1525 | 116_UA39307323_generation_0046 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Clamp detachable branch pressed ROA-400-1       | 0 | 0                                  | pcs | 24   |  |  |  |  |
| 1526 | 116_UA39307323_generation_0047 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators          | Glass insulator PS 70E                          | 0 | 0                                  | pcs | 400  |  |  |  |  |
| 1527 | 116_UA39307323_generation_0048 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable               | Cable KVVGng - 10x2.5                           | 0 | 0                                  | m   | 1000 |  |  |  |  |
| 1528 | 116_UA39307323_generation_0049 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable               | Cable KVVGng - 19x2.5                           | 0 | 0                                  | m   | 1000 |  |  |  |  |
| 1529 | 116_UA39307323_generation_0050 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable               | Cable KVVGng - 27x2.5                           | 0 | 0                                  | m   | 1000 |  |  |  |  |
| 1530 | 030_UA23243188_0001            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Circuit breakers    | Automatic switch BA-78, 1000A, 415 / 690B, 70kA | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1531 | 030_UA23243188_0002            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Circuit breakers    | NM1-250S-3300 200A circuit breaker              | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1532 | 030_UA23243188_0003            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Circuit breakers    | VIM. AUTO. UT.CORR. (EL-TRON.ROZ.) 3P / 100A    | 0 | Equipment for voltage class 0.4-20 | pcs | 20   |  |  |  |  |
| 1533 | 030_UA23243188_0004            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Circuit breakers    | VIM. AUTO. UT.CORR. (EL-TRON.ROZ.) 3P / 160A    | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1534 | 030_UA23243188_0005            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Circuit breakers    | VIM. AUTO. UT.CORR. (EL-TRON.ROZ.) 3P / 250A    | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1535 | 030_UA23243188_0006            | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Switches            | Load switch VNA-10 / 630-20-U3                  | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1536 | 030_UA23243188_0007            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Knitting for lateral fastening of PLVT2         | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |
| 1537 | 030_UA23243188_0008            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Hook under the tape KB 16                       | 0 | Equipment for voltage class 0.4-20 | pcs | 6000 |  |  |  |  |
| 1538 | 030_UA23243188_0009            | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Tips                | Aluminum sleeve 120                             | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1539 | 030_UA23243188_0010            | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Tips                | Aluminum sleeve 150                             | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1540 | 030_UA23243188_0011            | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Tips                | Aluminum sleeve 240                             | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1541 | 030_UA23243188_0012            | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Tips                | Aluminum sleeve 95                              | 0 | Equipment for voltage class 0.4-20 | pcs | 100  |  |  |  |  |
| 1542 | 030_UA23243188_0013            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PN 2 400 A                                 | 0 | Equipment for voltage class 0.4-20 | pcs | 90   |  |  |  |  |
| 1543 | 030_UA23243188_0014            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse Mon 2 630 A                                | 0 | Equipment for voltage class 0.4-20 | pcs | 60   |  |  |  |  |
| 1544 | 030_UA23243188_0015            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PN-2 250 A                                 | 0 | Equipment for voltage class 0.4-20 | pcs | 90   |  |  |  |  |
| 1545 | 030_UA23243188_0016            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PT 111 10 10 In 1                          | 0 | Equipment for voltage class 0.4-20 | pcs | 30   |  |  |  |  |
| 1546 | 030_UA23243188_0017            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PT 111 10 16 In 1                          | 0 | Equipment for voltage class 0.4-20 | pcs | 30   |  |  |  |  |
| 1547 | 030_UA23243188_0018            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PT 111 10 20 In 1                          | 0 | Equipment for voltage class 0.4-20 | pcs | 90   |  |  |  |  |
| 1548 | 030_UA23243188_0019            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Fuses               | Fuse PT 111 10 31.5 In 1                        | 0 | Equipment for voltage class 0.4-20 | pcs | 90   |  |  |  |  |
| 1549 | 030_UA23243188_0020            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Branching clamp SV 1.1.1                        | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |
| 1550 | 030_UA23243188_0021            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Branching clamp 3B 1.1.4                        | 0 | Equipment for voltage class 0.4-20 | pcs | 1000 |  |  |  |  |
| 1551 | 030_UA23243188_0022            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Branching clamp SV 1.2.2                        | 0 | Equipment for voltage class 0.4-20 | pcs | 6000 |  |  |  |  |
| 1552 | 030_UA23243188_0023            | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Branching clamp 3B 1.2.3                        | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |



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|------|---------------------|-----------|------------|--|----------------------|--|---|------------------------------------|-----|------|--|--|--|--|
| 1553 | 030_UA23243188_0024 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Tension clamp ZN 2.1   | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |
| 1554 | 030_UA23243188_0025 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Tension clamp ZN 2.3   | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |
| 1555 | 030_UA23243188_0026 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Tension clamp ZN 2.4   | 0 | Equipment for voltage class 0.4-20 | pcs | 3000 |  |  |  |  |
| 1556 | 030_UA23243188_0027 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Clamp tightening ZN 1.1                                      | 0 | Equipment for voltage class 0.4-20 | pcs | 1500 |  |  |  |  |
| 1557 | 030_UA23243188_0028 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Tension clamp RA 2870  | 0 | Equipment for voltage class 0.4-20 | pcs | 1000 |  |  |  |  |
| 1558 | 030_UA23243188_0029 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Clamp supporting ZP 3.1                                      | 0 | Equipment for voltage class 0.4-20 | pcs | 5000 |  |  |  |  |
| 1559 | 030_UA23243188_0030 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Clamp plate PA 1 1   | 0 | Equipment for voltage class 0.4-20 | pcs | 1500 |  |  |  |  |
| 1560 | 030_UA23243188_0031 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Clamp plate PA 2 2   | 0 | Equipment for voltage class 0.4-20 | pcs | 500  |  |  |  |  |
| 1561 | 030_UA23243188_0032 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Clamp plate P5 1 1   | 0 | Equipment for voltage class 0.4-20 | pcs | 1500 |  |  |  |  |
| 1562 | 030_UA23243188_0033 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Clamp plate P5 2 1   | 0 | Equipment for voltage class 0.4-20 | pcs | 1500 |  |  |  |  |
| 1563 | 030_UA23243188_0034 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | TTD 301 piercing clamp                                       | 0 | Equipment for voltage class 0.4-20 | pcs | 300  |  |  |  |  |
| 1564 | 030_UA23243188_0035 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Insulators           | Insulator IPT 1/630 A 01                                     | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1565 | 030_UA23243188_0036 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Insulators           | IPTV insulator 1/400 A 01                                    | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1566 | 030_UA23243188_0037 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators           | Tension insulator PSI 15 CE                                  | 0 | Equipment for voltage class 0.4-20 | pcs | 1000 |  |  |  |  |
| 1567 | 030_UA23243188_0038 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators           | Insulator of submarine suspended PS 70 E                     | 0 | Equipment for voltage class 0.4-20 | pcs | 100  |  |  |  |  |
| 1568 | 030_UA23243188_0039 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators           | Insulator of submarine pin ShF 20G with a cap                | 0 | Equipment for voltage class 0.4-20 | pcs | 500  |  |  |  |  |
| 1569 | 030_UA23243188_0040 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Insulators           | Insulator of PS basic IOR 10-7.5                             | 0 | Equipment for voltage class 0.4-20 | pcs | 100  |  |  |  |  |
| 1570 | 030_UA23243188_0041 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Cable power AVVG 4x120                                       | 0 | Equipment for voltage class 0.4-20 | KM  | 0,4  |  |  |  |  |
| 1571 | 030_UA23243188_0042 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Cable power AVVG 4x50  | 0 | Equipment for voltage class 0.4-20 | KM  | 0,4  |  |  |  |  |
| 1572 | 030_UA23243188_0043 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Power cable AVVG 4x70  | 0 | Equipment for voltage class 0.4-20 | m   | 1    |  |  |  |  |
| 1573 | 030_UA23243188_0044 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Power cable ASB 10 3/185                                     | 0 | Equipment for voltage class 0.4-20 | KM  | 20   |  |  |  |  |
| 1574 | 030_UA23243188_0045 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Cable power ASB 10 3x120                                     | 0 | Equipment for voltage class 0.4-20 | KM  | 20   |  |  |  |  |
| 1575 | 030_UA23243188_0046 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Cable power ASB 10 3x240                                     | 0 | Equipment for voltage class 0.4-20 | KM  | 30   |  |  |  |  |
| 1576 | 030_UA23243188_0047 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Power cable with isolation from the sewed polyethylene 1x300 | 0 | Equipment for voltage class 0.4-20 | km  | 135  |  |  |  |  |
| 1577 | 030_UA23243188_0048 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable                | Power cable with isolation from the sewed polyethylene 1x500 | 0 | Equipment for voltage class 0.4-20 | km  | 75   |  |  |  |  |
| 1578 | 030_UA23243188_0049 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings  | Complete grounding time (TTD 2-CC)                           | 0 | Equipment for voltage class 0.4-20 | pcs | 600  |  |  |  |  |
| 1579 | 030_UA23243188_0050 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings      | Coupling set E3UTH 12 120-240                                | 0 | Equipment for voltage class 0.4-20 | pcs | 100  |  |  |  |  |
| 1580 | 030_UA23243188_0051 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Mounting of the disconnector drive PA2 C                     | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1581 | 030_UA23243188_0052 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Fastening of the disconnector RA1                            | 0 | Equipment for voltage class 0.4-20 | pcs | 50   |  |  |  |  |
| 1582 | 030_UA23243188_0053 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Slope mounting 10 kV U2 included                             | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1583 | 030_UA23243188_0054 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Slope mounting 0.4 kV U1 included                            | 0 | Equipment for voltage class 0.4-20 | pcs | 300  |  |  |  |  |
| 1584 | 030_UA23243188_0055 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature      | Circle steel 16 mm   | 0 | Equipment for voltage class 0.4-20 | t   | 5    |  |  |  |  |
| 1585 | 030_UA23243188_0056 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Transformer oil      | Transformer oil T 1500                                       | 0 | Equipment for voltage class 0.4-20 | t   | 10   |  |  |  |  |
| 1586 | 030_UA23243188_0057 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings      | Coupling cable JUPTH 12 70-240 CM                            | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1587 | 030_UA23243188_0058 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings      | Coupling cable kVTP 10 150/240 (set)                         | 0 | Equipment for voltage class 0.4-20 | pcs | 100  |  |  |  |  |
| 1588 | 030_UA23243188_0059 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings      | Coupling cable STP 10 150/240 (set)                          | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1589 | 030_UA23243188_0060 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | Cable couplings      | Coupling cable STP 10 70/120 (computer)                      | 0 | Equipment for voltage class 0.4-20 | pcs | 200  |  |  |  |  |
| 1590 | 030_UA23243188_0061 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 120   | 0 | Equipment for voltage class 0.4-20 | pcs | 400  |  |  |  |  |
| 1591 | 030_UA23243188_0062 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 25  | 0 | Equipment for voltage class 0.4-20 | pcs | 400  |  |  |  |  |
| 1592 | 030_UA23243188_0063 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 35  | 0 | Equipment for voltage class 0.4-20 | pcs | 700  |  |  |  |  |
| 1593 | 030_UA23243188_0064 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 50  | 0 | Equipment for voltage class 0.4-20 | pcs | 700  |  |  |  |  |
| 1594 | 030_UA23243188_0065 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 70  | 0 | Equipment for voltage class 0.4-20 | pcs | 400  |  |  |  |  |
| 1595 | 030_UA23243188_0066 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Aluminum tip 95  | 0 | Equipment for voltage class 0.4-20 | pcs | 400  |  |  |  |  |
| 1596 | 030_UA23243188_0067 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Tips                 | Copper tip 240   | 0 | Equipment for voltage class 0.4-20 | pcs | 300  |  |  |  |  |
| 1597 | 030_UA23243188_0068 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Overvoltage limiters | Voltage limiter OPN 10                                       | 0 | Equipment for voltage class 0.4-20 | pcs | 180  |  |  |  |  |
| 1598 | 030_UA23243188_0069 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Overvoltage limiters | Overvoltage limiter ETITES A 280/10                          | 0 | Equipment for voltage class 0.4-20 | pcs | 600  |  |  |  |  |

|      |                     |           |            |  |   |  |   |  |                                    |     |       |  |  |  |  |
|------|---------------------|-----------|------------|--|---|--|---|--|------------------------------------|-----|-------|--|--|--|--|
| 1599 | 030_UA23243188_0070 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports  | Support reinforced concrete OHL 0.4 kV II 9.5-2.0        | 0 |  | Equipment for voltage class 0.4-20 | pcs | 1000  |  |  |  |  |
| 1600 | 030_UA23243188_0071 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports  | Support reinforced concrete PL-10 kV SK-120-6            | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1601 | 030_UA23243188_0072 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports  | Support reinforced concrete PL-10kV SV-10.5-5.0          | 0 |  | Equipment for voltage class 0.4-20 | pcs | 500   |  |  |  |  |
| 1602 | 030_UA23243188_0073 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Drive to RLND  | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1603 | 030_UA23243188_0074 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Wire AAsXSn 1x50   | 0 |  | Equipment for voltage class 0.4-20 | km  | 200   |  |  |  |  |
| 1604 | 030_UA23243188_0075 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire AAsXSn 1x70                               | 0 |  | Equipment for voltage class 0.4-20 | km  | 200   |  |  |  |  |
| 1605 | 030_UA23243188_0076 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire AAsXSn 1x95                               | 0 |  | Equipment for voltage class 0.4-20 | km  | 200   |  |  |  |  |
| 1606 | 030_UA23243188_0077 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire ASXSN 4x95                                | 0 |  | Equipment for voltage class 0.4-20 | km  | 15    |  |  |  |  |
| 1607 | 030_UA23243188_0078 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | The wire isolated SiPng-5 2 * 16                         | 0 |  | Equipment for voltage class 0.4-20 | KM  | 5     |  |  |  |  |
| 1608 | 030_UA23243188_0079 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 2x25                              | 0 |  | Equipment for voltage class 0.4-20 | KM  | 5     |  |  |  |  |
| 1609 | 030_UA23243188_0080 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 4x16                              | 0 |  | Equipment for voltage class 0.4-20 | KM  | 10    |  |  |  |  |
| 1610 | 030_UA23243188_0081 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 4x25                              | 0 |  | Equipment for voltage class 0.4-20 | KM  | 5     |  |  |  |  |
| 1611 | 030_UA23243188_0082 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 4x50                              | 0 |  | Equipment for voltage class 0.4-20 | KM  | 90    |  |  |  |  |
| 1612 | 030_UA23243188_0083 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 4x70                              | 0 |  | Equipment for voltage class 0.4-20 | KM  | 160   |  |  |  |  |
| 1613 | 030_UA23243188_0084 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire  | Insulated wire SiPng-5 4x95                              | 0 |  | Equipment for voltage class 0.4-20 | ?   | 160   |  |  |  |  |
| 1614 | 030_UA23243188_0085 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors   | RLND 10/400 disconnector                                 | 0 |  | Equipment for voltage class 0.4-20 | pcs | 20    |  |  |  |  |
| 1615 | 030_UA23243188_0086 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors   | RLND 10/630 disconnector                                 | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1616 | 030_UA23243188_0087 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors   | RLND2 10/400 disconnector                                | 0 |  | Equipment for voltage class 0.4-20 | pcs | 40    |  |  |  |  |
| 1617 | 030_UA23243188_0088 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Disconnectors   | RLNDz 10/630 disconnector                                | 0 |  | Equipment for voltage class 0.4-20 | pcs | 10    |  |  |  |  |
| 1618 | 030_UA23243188_0089 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | switches  | Switch of BP-32 400 A                                    | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1619 | 030_UA23243188_0090 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | switches  | Switch of the main input of RB 250 A                     | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1620 | 030_UA23243188_0091 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | switches  | Switch of RP C 250                                       | 0 |  | Equipment for voltage class 0.4-20 | pcs | 20    |  |  |  |  |
| 1621 | 030_UA23243188_0092 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | switches  | RPS switch 400 A   | 0 |  | Equipment for voltage class 0.4-20 | pcs | 20    |  |  |  |  |
| 1622 | 030_UA23243188_0093 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | switches  | RPS switch of 630 A                                      | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1623 | 030_UA23243188_0094 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | SCU-20 clamp   | 0 |  | Equipment for voltage class 0.4-20 | pcs | 10000 |  |  |  |  |
| 1624 | 030_UA23243188_0095 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Steel Pipe 25x2.8  | 0 |  | Equipment for voltage class 0.4-20 | t   | 1,4   |  |  |  |  |
| 1625 | 030_UA23243188_0096 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | Bandage tape INOX  | 0 |  | Equipment for voltage class 0.4-20 | m   | 10000 |  |  |  |  |
| 1626 | 030_UA23243188_0097 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse 0.4kV TN-1 / 3-pin./                            | 0 |  | Equipment for voltage class 0.4-20 | pcs | 300   |  |  |  |  |
| 1627 | 030_UA23243188_0098 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse 0.4kV TN-2 / 2-pin./                            | 0 |  | Equipment for voltage class 0.4-20 | pcs | 300   |  |  |  |  |
| 1628 | 030_UA23243188_0099 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse 10 kV TC 1 (inflated)                           | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1629 | 030_UA23243188_0100 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse 10kV TM-1 / 3-pin./                             | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1630 | 030_UA23243188_0101 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse 10kV TM-3 / 6-pin./                             | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1631 | 030_UA23243188_0102 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse TMz 12  | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1632 | 030_UA23243188_0103 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Traverse TMz 15  | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1633 | 030_UA23243188_0104 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers                                    | Power transformer TMG 400-10 / 0.4 / OZ /                | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1634 | 030_UA23243188_0105 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers                                    | Power transformer TMG 630/10 / 0.4 / OZ /                | 0 |  | Equipment for voltage class 0.4-20 | pcs | 40    |  |  |  |  |
| 1635 | 030_UA23243188_0106 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers                                    | Power transformer TMG160-10 / 0.4 / OZ /                 | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1636 | 030_UA23243188_0107 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers                                    | Power transformer TMG250-10 / 0.4 / OZ /                 | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 1637 | 030_UA23243188_0108 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | The tube is corrugated 19/25                             | 0 |  | Equipment for voltage class 0.4-20 | m   | 3000  |  |  |  |  |
| 1638 | 030_UA23243188_0109 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | The tube is corrugated 25/32                             | 0 |  | Equipment for voltage class 0.4-20 | m   | 6000  |  |  |  |  |
| 1639 | 030_UA23243188_0110 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Lubricants  | Paint PF 115 yellow                                      | 0 |  | Equipment for voltage class 0.4-20 | kg  | 25    |  |  |  |  |
| 1640 | 030_UA23243188_0111 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Lubricants  | Paint PF 115 green                                       | 0 |  | Equipment for voltage class 0.4-20 | kg  | 25    |  |  |  |  |
| 1641 | 030_UA23243188_0112 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Lubricants  | Paint PF 115 gray  | 0 |  | Equipment for voltage class 0.4-20 | kg  | 50    |  |  |  |  |
| 1642 | 030_UA23243188_0113 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Lubricants  | Paint PF 115 red   | 0 |  | Equipment for voltage class 0.4-20 | kg  | 25    |  |  |  |  |
| 1643 | 030_UA23243188_0114 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Lubricants  | Paint PF 115 black                                       | 0 |  | Equipment for voltage class 0.4-20 | kg  | 100   |  |  |  |  |
| 1644 | 030_UA23243188_0115 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings                                   | Clamp remote FD 10                                       | 0 |  | Equipment for voltage class 0.4-20 | pcs | 5000  |  |  |  |  |
| 1645 | 030_UA23243188_0116 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Collar of fastening of a traverse of 10 kV X 1 in a room | 0 |  | Equipment for voltage class 0.4-20 | pcs | 500   |  |  |  |  |
| 1646 | 030_UA23243188_0117 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                                       | Collar fastening collar n / v X 11                       | 0 |  | Equipment for voltage class 0.4-20 | pcs | 600   |  |  |  |  |
| 1647 | 030_UA23243188_0118 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Packaged transformer substations                      | mast TP 250/10 / 0.4 (set) with support                  | 0 |  | Equipment for voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 1648 | 030_UA23243188_0119 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Packaged transformer substations without transformers | Cabinet KTPM -160 / 10 / 0.4                             | 0 |  | Equipment for voltage class 0.4-20 | pcs | 50    |  |  |  |  |

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| 1649 | 030_UA23243188_0120 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Linear armature                  | Grounding pin   | 0 | Equipment for voltage class 0.4-20                            | pcs | 2000 |  |  |  |  |
| 1650 | 030_UA23243188_0121 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTPGS 630 kVA   | 0 | Equipment for voltage class 0.4-20                            | pcs | 15   |  |  |  |  |
| 1651 | 030_UA23243188_0122 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | KTPGS 400 kVA   | 0 | Equipment for voltage class 0.4-20                            | pcs | 10   |  |  |  |  |
| 1652 | 030_UA23243188_0123 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer two-winding, analog of TDN-10000 35/10 kV   | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 4    |  |  |  |  |
| 1653 | 030_UA23243188_0124 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer two-winding, analog of TDN-6300 35/10 kV  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 4    |  |  |  |  |
| 1654 | 030_UA23243188_0125 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer two-winding, analog of TDN-4000 35/10 kV  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 2    |  |  |  |  |
| 1655 | 030_UA23243188_0126 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches                         | 35 kV vacuum switch, 1000A, 16 kA with spring drive, 220 V AC power supply  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 15   |  |  |  |  |
| 1656 | 030_UA23243188_0127 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | 35 kV 1000 A disconnector with two earthing knives that do not require maintenance for the entire service life  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 10   |  |  |  |  |
| 1657 | 030_UA23243188_0128 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with cast insulation 100/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 9    |  |  |  |  |
| 1658 | 030_UA23243188_0129 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformers 35 kV with cast insulation 200/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 9    |  |  |  |  |
| 1659 | 030_UA23243188_0130 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Voltage transformer 35 kV with cast insulation  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 9    |  |  |  |  |
| 1660 | 030_UA23243188_0131 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Overvoltage limiters             | Overvoltage limiter 35 kV Ur = 40.5 kV  | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 60   |  |  |  |  |
| 1661 | 030_UA23243188_0132 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | KRPZ                             | Complete switchgear (KRPZ) 35 kV consisting of: two sections with a sectional switch. In each section - six cells (cable entry, transformer input, HV) + space for one spare cell                           | 0 | For restoration works on the equipment of 35 kV switchgear:   | pcs | 2    |  |  |  |  |
| 1662 | 030_UA23243188_0133 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | KRPZ                             | Complete switchgear (KRPZ) 10 kV consisting of: two sections with a sectional switch. In each section - eighteen cells (input of the transformer on 2500A, TN, TSN, cells of the departing lines on 1000 A) | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 2    |  |  |  |  |
| 1663 | 030_UA23243188_0134 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | KRPZ                             | Complete switchgear (KRPZ) 10 kV consisting of: two sections with a sectional switch. On each section - twelve cells (input of the transformer on 1000A, TN, TSN, cells of the departing lines on 630 A)    | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 4    |  |  |  |  |
| 1664 | 030_UA23243188_0135 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer TDN-63000 110/35/10   | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 2    |  |  |  |  |
| 1665 | 030_UA23243188_0136 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer TDN-40000 110/10/10   | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 4    |  |  |  |  |
| 1666 | 030_UA23243188_0137 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer TRDN-25000 110/10/10  | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 2    |  |  |  |  |
| 1667 | 030_UA23243188_0138 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers               | Power transformer TDN-6300 110/6  | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 2    |  |  |  |  |
| 1668 | 030_UA23243188_0139 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Switches and disconnectors       | SF6 switch 110 kV 1000 A 40 kA  | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 12   |  |  |  |  |
| 1669 | 030_UA23243188_0140 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformer 110 kV 600/5, number of secondary windings of 5 pieces: 10P / 10P / 10P / 10P / 0.5 S   | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 6    |  |  |  |  |
| 1670 | 030_UA23243188_0141 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | Current transformer 110 kV 100/5, number of secondary windings of 5 pieces: 10P / 10P / 10P / 10P / 0.5 S   | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 6    |  |  |  |  |
| 1671 | 030_UA23243188_0142 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | 110 kV voltage transformer  | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 6    |  |  |  |  |
| 1672 | 030_UA23243188_0143 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Disconnectors                    | Disconnector 110 kV 1000 A with two grounding knives  | 0 | For restoration works on the equipment of switchgear 6-10 kV: | pcs | 12   |  |  |  |  |
| 1673 | 030_UA23243188_0144 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                 | Wire AC-50  | 0 | For restoration of 35-110 kV lines                            | t   | 0,1  |  |  |  |  |
| 1674 | 030_UA23243188_0145 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                 | Wire AC-70  | 0 | For restoration of 35-110 kV lines                            | t   | 0,15 |  |  |  |  |
| 1675 | 030_UA23243188_0146 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-95  | 0 | For restoration of 35-110 kV lines                            | t   | 0,27 |  |  |  |  |
| 1676 | 030_UA23243188_0147 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-120   | 0 | For restoration of 35-110 kV lines                            | t   | 0,35 |  |  |  |  |
| 1677 | 030_UA23243188_0148 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-150   | 0 | For restoration of 35-110 kV lines                            | t   | 0,2  |  |  |  |  |
| 1678 | 030_UA23243188_0149 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-185   | 0 | For restoration of 35-110 kV lines                            | t   | 0,25 |  |  |  |  |
| 1679 | 030_UA23243188_0150 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-240   | 0 | For restoration of 35-110 kV lines                            | t   | 0,3  |  |  |  |  |
| 1680 | 030_UA23243188_0151 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                 | Wire AC-400   | 0 | For restoration of 35-110 kV lines                            | t   | 0,4  |  |  |  |  |
| 1681 | 030_UA23243188_0152 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                  | Spot clamp PA-1   | 0 | For restoration of 35-110 kV lines                            | pcs | 50   |  |  |  |  |
| 1682 | 030_UA23243188_0153 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                  | Spot clamp PA-2   | 0 | For restoration of 35-110 kV lines                            | pcs | 100  |  |  |  |  |
| 1683 | 030_UA23243188_0154 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                  | Spot clamp PA-3   | 0 | For restoration of 35-110 kV lines                            | pcs | 100  |  |  |  |  |
| 1684 | 030_UA23243188_0155 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature                  | Spot clamp PA-4   | 0 | For restoration of 35-110 kV lines                            | pcs | 50   |  |  |  |  |
| 1685 | 030_UA23243188_0156 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                  | SOAS - 50   | 0 | For restoration of 35-110 kV lines                            | pcs | 20   |  |  |  |  |
| 1686 | 030_UA23243188_0157 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature                  | SOAS - 70   | 0 | For restoration of 35-110 kV lines                            | pcs | 40   |  |  |  |  |

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| 1687 | 030_UA23243188_0158 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | SOAS - 95  | 0                            | For restoration of 35-110 kV lines  | pcs | 40   |  |  |  |  |
| 1688 | 030_UA23243188_0159 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | SOAS - 120   | 0                            | For restoration of 35-110 kV lines  | pcs | 40   |  |  |  |  |
| 1689 | 030_UA23243188_0160 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | SOAS - 150   | 0                            | For restoration of 35-110 kV lines  | pcs | 30   |  |  |  |  |
| 1690 | 030_UA23243188_0161 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | SOAS - 185   | 0                            | For restoration of 35-110 kV lines  | pcs | 30   |  |  |  |  |
| 1691 | 030_UA23243188_0162 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | CAC -240   | 0                            | For restoration of 35-110 kV lines  | pcs | 60   |  |  |  |  |
| 1692 | 030_UA23243188_0163 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Linear armature                | CAC -400   | 0                            | For restoration of 35-110 kV lines  | pcs | 20   |  |  |  |  |
| 1693 | 030_UA23243188_0164 | Equipment        | Electrical | Equipment for 10-0.4 kV overhead power lines      | Insulators                     | Insulators glass PS-70   | 0                            | For restoration of 35-110 kV lines  | pcs | 700  |  |  |  |  |
| 1694 | 030_UA23243188_0165 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines      | Insulators                     | Insulators glass PS-120  | 0                            | For restoration of 35-110 kV lines  | pcs | 250  |  |  |  |  |
| 1695 | 111_UA30019775_0001 | Energy resources | ?          | Supplies  | Supplies                       | Hydration inhibitor (methanol)   | Technical methanol           | Methanol technical, brands A of DSTU 3057-95 (GOST 2222-95)   | t   | 4000 |  |  |  |  |
| 1696 | 111_UA30019775_0002 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants            | Mobile DES   | Complete backup power plants | Power -5-20kW   | pcs | 155  |  |  |  |  |
| 1697 | 111_UA30019775_0003 | Equipment        | Electrical | Devices and tools                                 | Lighting equipment             | Mobile lighting masts  |                              |   | pcs | 250  |  |  |  |  |
| 1698 | 111_UA30019775_0004 | Equipment        | Electrical | Means of dispatching and technological management | Telecommunications             | Satellite phones   |                              |   | pcs | 50   |  |  |  |  |
| 1699 | 111_UA30019775_0005 | Equipment        | Electrical | Computer equipment                                | Uninterruptible power supplies | Uninterruptible power supplies 3-6 kW  |                              | Rated power: 3-6 kW   | pcs | 60   |  |  |  |  |
| 1700 | 111_UA30019775_0006 | Equipment        | Electrical | Computer equipment                                | Information storage equipment  | QNAP NAS network storage   |                              |   | pcs | 30   |  |  |  |  |
| 1701 | 111_UA30019775_0007 | Equipment        | Electrical | Means of dispatching and technological management | Telecommunications             | Satellite Internet Kits (StarLink)   |                              |   | pcs | 15   |  |  |  |  |
| 1702 | 111_UA30019775_0008 | Equipment        | Electrical | Means of dispatching and technological management | Means of telecommunication     | Walkie-talkies   | 0                            | Communication range - 10-20 km  | pcs | 360  |  |  |  |  |
| 1703 | 111_UA30019775_0009 | Equipment        | Electrical | Devices and tools                                 | Lanterns                       | Explosion-proof lanterns   | 0                            | 0   | pcs | 600  |  |  |  |  |
| 1704 | 111_UA30019775_0010 | Equipment        | Electrical | Supplies  | Supplies                       | Batteries  | 0                            | GEL Voltage - 12V Capacity - 150 A * h  | pcs | 250  |  |  |  |  |
| 1705 | 006_UA00131713_0065 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants            | Diesel generator JCB G (or similar) on the chassis   | 0                            | Power 250 kW  | pcs | 2    |  |  |  |  |
| 1706 | 006_UA00131713_0066 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants            | Diesel generator JCB G (or similar) on the chassis   | 0                            | Power 400 kW  | pcs | 2    |  |  |  |  |
| 1707 | 019_UA24584661_0001 | Equipment        | Electrical | Civil protection equipment                        | Backup power plants            | Spare parts and rubber products for diesel generators based on the 12ZV40 / 48 engine for SUNPP  | by nomenclature              | 0   | ?   | ?    |  |  |  |  |
| 1708 | 019_UA24584661_0002 | Equipment        | Electrical | Means of dispatching and technological management | Radio station                  | Radiotelephones, portable radios   | 0                            | 0   | ?   | ?    |  |  |  |  |
| 1709 | 019_UA24584661_0003 | Equipment        | Electrical |   | 0                              | Combination gaskets made of expanded graphite for sealing the main connector of the NCP for RNPP, ZNPP, SUNPP  | 0                            | 0   | ?   | ?    |  |  |  |  |
| 1710 | 019_UA24584661_0004 | Equipment        | Electrical |   | 0                              | Spare parts for pumps manufactured by JSC "SMNVO-Engineering" for the needs of SE "Rivne NPP", SE "South-Ukrainian NPP" and SE "Khmelnytsky NPP"       | by nomenclature              | 0   | ?   | ?    |  |  |  |  |
| 1711 | 019_UA24584661_0005 | Equipment        | Electrical |   | 0                              | Spare parts for pumps produced by JSC "Sumy plant" Nasosenergomash "for the needs of SE" Rivne NPP", SE "South-Ukrainian NPP" and SE "Khmelnytsky NPP" | by nomenclature              | 0   | ?   | ?    |  |  |  |  |
| 1712 | 019_UA24584661_0006 | Equipment        | Electrical |   | 0                              | Spare parts for pumps STSN-317 produced by JSC "Sumy plant" Nasosenergomash "for the needs of SE" Rivne NPP"   | by nomenclature              | 0   | ?   | ?    |  |  |  |  |
| 1713 | 019_UA24584661_0007 | Equipment        | Electrical |   | 0                              | Nuclear reactors and their parts: lot 1 - 42152000-9 - Parts of nuclear reactors (Nickel gaskets);   | 0                            | 0   | ?   | ?    |  |  |  |  |
| 1714 | 009_UA43064445_0001 | Equipment        | License    | Software  | IT-SW                          | XMtrade / PXS software package   | 0                            | Application software for trading in electricity in the markets of neighboring countries.  | ?   | ?    |  |  |  |  |
| 1715 | 009_UA43064445_0002 | Equipment        | Electrical | Computer equipment                                |                                | The main server cluster.   | 0                            | 0   | ?   | ?    |  |  |  |  |
| 1716 | 009_UA43064445_0003 | Equipment        | Electrical | Computer equipment                                |                                | Server   | 0                            | -1 x Intel® Xeon® Silver 4214R 2.4G, 12C / 24T, 9.6GT / s, 16.5 M Cache; - RAM 96 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb S50 SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2x800-watt, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet. | pcs | 2    |  |  |  |  |

|      |                     |           |            |                    |       |  |   |   |     |   |  |  |  |  |  |  |
|------|---------------------|-----------|------------|--------------------|-------|--|---|---|-----|---|--|--|--|--|--|--|
| 1717 | 009_UA43064445_0004 | Equipment | Electrical | Computer equipment |       | Server   | 0 | approximate configuration: - 1 x Intel® Xeon® Silver 4215R 3.2G, 8C / 16T, 9.6GT / s, 11 M Cache; - RAM 192 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.    | pcs | 2 |  |  |  |  |  |  |
| 1718 | 009_UA43064445_0005 | Equipment | Electrical | Computer equipment |       | Data storage system  | 0 | - 2 controllers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /   | pcs | 2 |  |  |  |  |  |  |
| 1719 | 009_UA43064445_0006 | Equipment | Electrical | Computer networks  |       | LAN switch   | 0 | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;  | pcs | 2 |  |  |  |  |  |  |
| 1720 | 009_UA43064445_0007 | Equipment | Electrical | Computer networks  |       | SAN switch   | 0 | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1721 | 009_UA43064445_0008 | Equipment | License    | Software           | IT-SW | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support  | 0 | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support   | pcs | 4 |  |  |  |  |  |  |
| 1722 | 009_UA43064445_0009 | Equipment | License    | Software           | IT-SW | Copy of Microsoft Windows Server standard edition software 16 core lic   | 0 | Copy of Microsoft Windows Server standard edition software 16 core lic  | pcs | 2 |  |  |  |  |  |  |
| 1723 | 009_UA43064445_0010 | Equipment | License    | Software           | IT-SW | Copy of Veeam backup & replication enterprise plus software  | 0 | Copy of Veeam backup & replication enterprise plus software   | pcs | 4 |  |  |  |  |  |  |
| 1724 | 009_UA43064445_0011 | Equipment | License    | Software           | IT-SW | Oracle DBMS software instance: Oracle Database Enterprise Edition Perpetual Processor and Diagnostics Pack Perpetual Processor + Software Update License & Support | 0 | Oracle DBMS software instance: Oracle Database Enterprise Edition Perpetual Processor and Diagnostics Pack Perpetual Processor + Software Update License & Support  | pcs | 4 |  |  |  |  |  |  |
| 1725 | 009_UA43064445_0012 | Equipment | Electrical | Computer equipment | 0     | Backup server cluster  | 0 | 0   | ?   | ? |  |  |  |  |  |  |
| 1726 | 009_UA43064445_0013 | Equipment | Electrical | Computer equipment |       | Server   | 0 | approximate configuration: - 1 x Intel® Xeon® Silver 4214R 2.4G, 12C / 24T, 9.6GT / s, 16.5 M Cache ;; - RAM 96 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet. | pcs | 2 |  |  |  |  |  |  |
| 1727 | 009_UA43064445_0014 | Equipment | Electrical | Computer equipment |       | Server   | 0 | approximate configuration: - 1 x Intel® Xeon® Silver 4215R 3.2G, 8C / 16T, 9.6GT / s, 11 M Cache; - RAM 192 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache ;; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1728 | 009_UA43064445_0015 | Equipment | Electrical | Computer equipment |       | Data storage system  | 0 | approximate configuration: - 2 knotrollers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /  | pcs | 2 |  |  |  |  |  |  |
| 1729 | 009_UA43064445_0016 | Equipment | Electrical | Computer networks  |       | LAN switch   | 0 | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;  | pcs | 2 |  |  |  |  |  |  |
| 1730 | 009_UA43064445_0017 | Equipment | Electrical | Computer networks  |       | SAN switch   | 0 | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1731 | 009_UA43064445_0018 | Equipment | License    | Software           |       | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support  | 0 | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support   | pcs | 4 |  |  |  |  |  |  |
| 1732 | 009_UA43064445_0019 | Equipment | License    | Software           |       | Copy of Microsoft Windows Server standard edition software 16 core lic   | 0 | Copy of Microsoft Windows Server standard edition software 16 core lic  | pcs | 2 |  |  |  |  |  |  |
| 1733 | 009_UA43064445_0020 | Equipment | License    | Software           |       | Copy of Veeam backup & replication enterprise plus software  | 0 | Copy of Veeam backup & replication enterprise plus software   | pcs | 4 |  |  |  |  |  |  |
| 1734 | 009_UA43064445_0021 | Equipment | License    | Software           |       | Oracle DBMS software instance: Oracle Database Enterprise Edition Perpetual Processor and Diagnostics Pack Perpetual Processor + Software Update License & Support | 0 | Oracle DBMS software instance: Oracle Database Enterprise Edition Perpetual Processor and Diagnostics Pack Perpetual Processor + Software Update License & Support  | pcs | 4 |  |  |  |  |  |  |
| 1735 | 009_UA43064445_0022 | Equipment | License    | Software           | 0     | Application software To perform RRM functions  | 0 | 0   | ?   | ? |  |  |  |  |  |  |
| 1736 | 009_UA43064445_0023 | Equipment | ?          | Computer equipment | 0     | The main server cluster.   | ? | ?   | ?   | ? |  |  |  |  |  |  |
| 1737 | 009_UA43064445_0024 | Equipment | 0          | Computer equipment |       | Server   | 0 | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1738 | 009_UA43064445_0025 | Equipment | 0          | Computer equipment |       | Server   | 0 | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA; - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.   | pcs | 2 |  |  |  |  |  |  |
| 1739 | 009_UA43064445_0026 | Equipment | 0          | Computer equipment |       | Data storage system  | 0 | Data storage system, approximate configuration: - 2 knotrollers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /   | pcs | 2 |  |  |  |  |  |  |

|      |                     |           |            |                    |   |  |   |   |     |   |  |  |  |  |  |  |
|------|---------------------|-----------|------------|--------------------|---|--|---|---|-----|---|--|--|--|--|--|--|
| 1740 | 009_UA43064445_0027 | Equipment | Electrical | Computer networks  |   | LAN switch   | 0 | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;  | pcs | 2 |  |  |  |  |  |  |
| 1741 | 009_UA43064445_0028 | Equipment | Electrical | Computer networks  |   | SAN switch   | 0 | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1742 | 009_UA43064445_0029 | Equipment | License    | Software           |   | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support                                  | 0 | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support   | pcs | 6 |  |  |  |  |  |  |
| 1743 | 009_UA43064445_0030 | Equipment | License    | Software           |   | Copy of Veeam backup & replication enterprise plus software  | 0 | Copy of Veeam backup & replication enterprise plus software   | pcs | 6 |  |  |  |  |  |  |
| 1744 | 009_UA43064445_0031 | Equipment | License    | Software           |   | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support | 0 | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support  | pcs | 4 |  |  |  |  |  |  |
| 1745 | 009_UA43064445_0032 | Equipment | ?          | Computer equipment | 0 | Backup server cluster.   | ? | ?   | ?   | ? |  |  |  |  |  |  |
| 1746 | 009_UA43064445_0033 | Equipment | 0          | Computer equipment |   | Server   | 0 | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.              | pcs | 2 |  |  |  |  |  |  |
| 1747 | 009_UA43064445_0034 | Equipment | 0          | Computer equipment |   | Server   | 0 | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in Enterprise level remote control controller; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, - 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in a server cabinet. \. | pcs | 2 |  |  |  |  |  |  |
| 1748 | 009_UA43064445_0035 | Equipment | 0          | Computer equipment |   | Data storage system  | 0 | Data storage system, approximate configuration: - 2 knotrollers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /   | pcs | 2 |  |  |  |  |  |  |
| 1749 | 009_UA43064445_0036 | Equipment | Electrical | Computer networks  |   | LAN switch   | 0 | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;  | pcs | 2 |  |  |  |  |  |  |
| 1750 | 009_UA43064445_0037 | Equipment | Electrical | Computer networks  |   | SAN switch   | 0 | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1751 | 009_UA43064445_0038 | Equipment | License    | Software           |   | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support                                  | 0 | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support   | pcs | 6 |  |  |  |  |  |  |
| 1752 | 009_UA43064445_0039 | Equipment | License    | Software           |   | Copy of Veeam backup & replication enterprise plus software  | 0 | Copy of Veeam backup & replication enterprise plus software   | pcs | 6 |  |  |  |  |  |  |
| 1753 | 009_UA43064445_0040 | Equipment | License    | Software           |   | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support | 0 | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support  | pcs | 4 |  |  |  |  |  |  |
| 1754 | 009_UA43064445_0041 | Equipment | ?          | Computer equipment | 0 | Server cluster for NKREKP.   | ? | ?   | ?   | ? |  |  |  |  |  |  |
| 1755 | 009_UA43064445_0042 | Equipment | 0          | Computer equipment |   | Server   | 0 | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.              | pcs | 2 |  |  |  |  |  |  |
| 1756 | 009_UA43064445_0043 | Equipment | 0          | Computer equipment |   | Server   | 0 | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.               | pcs | 2 |  |  |  |  |  |  |
| 1757 | 009_UA43064445_0044 | Equipment | 0          | Computer equipment |   | Data storage system  | 0 | approximate configuration: - 2 controllers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /  | pcs | 2 |  |  |  |  |  |  |
| 1758 | 009_UA43064445_0045 | Equipment | Electrical | Computer networks  |   | LAN switch   | 0 | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;  | pcs | 2 |  |  |  |  |  |  |
| 1759 | 009_UA43064445_0046 | Equipment | Electrical | Computer networks  |   | SAN switch   | 0 | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.  | pcs | 2 |  |  |  |  |  |  |
| 1760 | 009_UA43064445_0047 | Equipment | License    | Software           |   | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support                                  | 0 | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support   | pcs | 6 |  |  |  |  |  |  |
| 1761 | 009_UA43064445_0048 | Equipment | License    | Software           |   | Copy of Veeam backup & replication enterprise plus software  | 0 | Copy of Veeam backup & replication enterprise plus software   | pcs | 6 |  |  |  |  |  |  |
| 1762 | 009_UA43064445_0049 | Equipment | License    | Software           |   | ?  | 0 | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support  | pcs | 4 |  |  |  |  |  |  |
| 1763 | 009_UA43064445_0050 | Equipment | License    | Software           | 0 | Application software for the implementation of the Natural Gas Consumption Information Database                    | 0 | 0   | pcs | 1 |  |  |  |  |  |  |
| 1764 | 009_UA43064445_0051 | Equipment | ?          | Computer equipment | 0 | The main server cluster.   | ? | ?   | ?   | ? |  |  |  |  |  |  |
| 1765 | 009_UA43064445_0052 | Equipment | 0          | Computer equipment |   | Server   | 0 | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.              | pcs | 2 |  |  |  |  |  |  |

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|------|---------------------|-----------|--------------------|--------------------|--|----------------------------|--|-----|-----|--|--|--|--|--|
| 1766 | 009_UA43064445_0053 | Equipment | 0                  | Computer equipment | Server   | 0                          | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.  | pcs | 2   |  |  |  |  |  |
| 1767 | 009_UA43064445_0054 | Equipment | 0                  | Computer equipment | Data storage system  | 0                          | Data storage system, approximate configuration: - 2 controllers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /  | pcs | 2   |  |  |  |  |  |
| 1768 | 009_UA43064445_0055 | Equipment | Electrical         | Computer networks  | LAN switch   | 0                          | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;   | pcs | 2   |  |  |  |  |  |
| 1769 | 009_UA43064445_0056 | Equipment | Electrical         | Computer networks  | SAN switch   | 0                          | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.   | pcs | 2   |  |  |  |  |  |
| 1770 | 009_UA43064445_0057 | Equipment | License            | Software           | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support                                  | 0                          | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support  | pcs | 6   |  |  |  |  |  |
| 1771 | 009_UA43064445_0058 | Equipment | License            | Software           | Copy of Veeam backup & replication enterprise plus software  | 0                          | Copy of Veeam backup & replication enterprise plus software  | pcs | 6   |  |  |  |  |  |
| 1772 | 009_UA43064445_0059 | Equipment | License            | Software           | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support | 0                          | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support   | pcs | 4   |  |  |  |  |  |
| 1773 | 009_UA43064445_0060 | Equipment | ?                  |                    | Backup server cluster.   | ?                          | ?  | ?   | ?   |  |  |  |  |  |
| 1774 | 009_UA43064445_0061 | Equipment | 0                  | Computer equipment | Server   | 0                          | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet. | pcs | 2   |  |  |  |  |  |
| 1775 | 009_UA43064445_0062 | Equipment | 0                  | Computer equipment | Server   | 0                          | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.  | pcs | 2   |  |  |  |  |  |
| 1776 | 009_UA43064445_0063 | Equipment | 0                  |                    | ?  | 0                          | approximate configuration: - 2 controllers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /   | pcs | 2   |  |  |  |  |  |
| 1777 | 009_UA43064445_0064 | Equipment | Electrical         | Computer networks  | LAN switch   | 0                          | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;   | pcs | 2   |  |  |  |  |  |
| 1778 | 009_UA43064445_0065 | Equipment | Electrical         | Computer networks  | SAN switch   | 0                          | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.   | pcs | 2   |  |  |  |  |  |
| 1779 | 009_UA43064445_0066 | Equipment | License            | Software           | IT-SW  | 0                          | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support.   | pcs | 6   |  |  |  |  |  |
| 1780 | 009_UA43064445_0067 | Equipment | License            | Software           | IT-SW  | 0                          | Copy of Veeam backup & replication enterprise plus software  | pcs | 6   |  |  |  |  |  |
| 1781 | 009_UA43064445_0068 | Equipment | License            | Software           | IT-SW  | 0                          | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support   | pcs | 4   |  |  |  |  |  |
| 1782 | 009_UA43064445_0069 | Equipment | Computer equipment |                    | 0  | Server cluster for NKREKP. | ?  | ?   | ?   |  |  |  |  |  |
| 1783 | 009_UA43064445_0070 | Equipment | Computer equipment | Computer equipment | Server   | 0                          | approximate configuration: - 2 x Intel® Xeon® Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet. | pcs | 2   |  |  |  |  |  |
| 1784 | 009_UA43064445_0071 | Equipment | Computer equipment | Computer equipment | Server   | 0                          | approximate configuration: - 2 x Intel Xeon Silver 4216; - RAM 256 GB RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet: 4x10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2xHot-plug, Redundant Power Supply (1 + 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabinet.  | pcs | 2   |  |  |  |  |  |
| 1785 | 009_UA43064445_0072 | Equipment | License            | Computer equipment | Data storage system  | 0                          | approximate configuration: - 2 controllers (processors) with backup battery (BBU); - 4 ports 32Gb FC SFP +; - 2 x redundant HotPlug Power Supply; - 4 x 1.2TB 10K SAS 25X2.5 DRIVE /   | pcs | 2   |  |  |  |  |  |
| 1786 | 009_UA43064445_0073 | Equipment | Electrical         | Computer networks  | LAN switch   | 0                          | L3 LAN LAN switch with 24 10GbE BASE-T ports with server cabinet mounting kit;   | pcs | 2   |  |  |  |  |  |
| 1787 | 009_UA43064445_0074 | Equipment | Electrical         | Computer networks  | SAN switch   | 0                          | SAN switch with 24 ports of 32 Gb SFP +, with a set of installation in the server cabinet.   | pcs | 2   |  |  |  |  |  |
| 1788 | 009_UA43064445_0075 | Equipment | License            | Software           | IT-SW  | 0                          | An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support  | pcs | 6   |  |  |  |  |  |
| 1789 | 009_UA43064445_0076 | Equipment | License            | Software           | IT-SW  | 0                          | Copy of Veeam backup & replication enterprise plus software  | pcs | 6   |  |  |  |  |  |
| 1790 | 009_UA43064445_0077 | Equipment | License            | Software           | IT-SW  | 0                          | Oracle DBMS software instance: Oracle Standard Edition 2 - Processor Perpetual + Software Update License & Support   | pcs | 4   |  |  |  |  |  |
| 1791 | 009_UA43064445_0078 | Equipment | License            | Software           | IT-SW  | 0                          | Microsoft Teams license is basic for 3 years   | pcs | 150 |  |  |  |  |  |



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|------|---------------------|-----------|------------|--------------------|-------|--|---|--|-----|-----|--|--|--|--|
| 1792 | 009_UA43064445_0079 | Equipment | License    | Software           | IT-SW | License Tableau Creator  | 0 | License Tableau Creator  | pcs | 15  |  |  |  |  |
| 1793 | 009_UA43064445_0080 | Equipment | License    | Software           | IT-SW | Tableau Data management License  | 0 | Tableau Data management License  | pcs | 31  |  |  |  |  |
| 1794 | 009_UA43064445_0081 | Equipment | License    | Software           | IT-SW | DLP system with commissioning  | 0 | DLP system with commissioning  | pcs | 1   |  |  |  |  |
| 1795 | 009_UA43064445_0082 | Equipment | License    | Software           | IT-SW | Copies of the antivirus system software (renewal of the existing McAfee Complete Endpoint Protection Business license, 142 endpoints for the period October 2022 - October 2023).  | 0 | Copies of the antivirus system software (renewal of the existing McAfee Complete Endpoint Protection Business license, 142 endpoints for the period October 2022 - October 2023).  | pcs | 142 |  |  |  |  |
| 1796 | 009_UA43064445_0083 | Equipment | License    | Software           | IT-SW | Copy of McAfee Web Security software (license extension renewed, 95 endpoints for October 2022 - October 2023).  | 0 | Copy of McAfee Web Security software (license extension renewed, 95 endpoints for October 2022 - October 2023).  | pcs | 95  |  |  |  |  |
| 1797 | 009_UA43064445_0084 | Equipment | License    | Software           | IT-SW | Copy of Rapid7 Nexpose Vulnerability Scanner Software for 12 Months (Extended Subscription Renewal)  | 0 | Copy of Rapid7 Nexpose Vulnerability Scanner Software for 12 Months (Extended Subscription Renewal)  | pcs | 1   |  |  |  |  |
| 1798 | 009_UA43064445_0085 | Equipment | License    | Software           | IT-SW | A copy of the MFE Datacenter Security Suite software with the right to use for 12 months (renewal of the current subscription).  | 0 | A copy of the MFE Datacenter Security Suite software with the right to use for 12 months (renewal of the current subscription).  | pcs | 1   |  |  |  |  |
| 1799 | 009_UA43064445_0086 | Equipment | License    | Software           | IT-SW | Copies of software (technical support) with the right to use for 12 months for firewalls ASA 5525-X, L-ASA5525-TA-1Y   | 0 | Copies of software (technical support) with the right to use for 12 months for firewalls ASA 5525-X, L-ASA5525-TA-1Y   | pcs | 3   |  |  |  |  |
| 1800 | 009_UA43064445_0087 | Equipment | License    | Software           | IT-SW | copy of the software for updating the hardware and software for detecting complex threats McAfee Advance Threat Defense 3100: MFE Adv Threat Def 3100 Stand 1yrBZ + RMA (update of technical support for the period from 09/26/2019 to 01/31/2023)           | 0 | copy of the software for updating the hardware and software for detecting complex threats McAfee Advance Threat Defense 3100: MFE Adv Threat Def 3100 Stand 1yrBZ + RMA (update of technical support for the period from 09/26/2019 to 01/31/2023)           | pcs | 1   |  |  |  |  |
| 1801 | 009_UA43064445_0088 | Equipment | License    | Software           | IT-SW | Copy of software for updating the hardware and software of centralized information security management McAfee Enterprise Security Manager 5700: MFE Ent Sec MGR 5700 1yrBZ + ARMA (update of technical support for the period from 10/23/2019 to 01/31/2023) | 0 | Copy of software for updating the hardware and software of centralized information security management McAfee Enterprise Security Manager 5700: MFE Ent Sec MGR 5700 1yrBZ + ARMA (update of technical support for the period from 10/23/2019 to 01/31/2023) | pcs | 1   |  |  |  |  |
| 1802 | 009_UA43064445_0089 | Equipment | License    | Software           | IT-SW | APsolute Vision Analytics software instance with APsolute Vision VA subscription for 12 months   | 0 | APsolute Vision Analytics software instance with APsolute Vision VA subscription for 12 months   | pcs | 1   |  |  |  |  |
| 1803 | 009_UA43064445_0090 | Equipment | License    | Software           | IT-SW | Copy of McAfee Endpoint detection and response (EDR2) software with a shelf life of 12 months (renewal of existing subscription)   | 0 | Copy of McAfee Endpoint detection and response (EDR2) software with a shelf life of 12 months (renewal of existing subscription)   | pcs | 1   |  |  |  |  |
| 1804 | 009_UA43064445_0091 | Equipment | License    | Software           | IT-SW | A copy of the software for centralized security management and data exchange on identified threats McAfee MVision TIE 1: 1BZ with a shelf life of 12 months.   | 0 | A copy of the software for centralized security management and data exchange on identified threats McAfee MVision TIE 1: 1BZ with a shelf life of 12 months.   | pcs | 1   |  |  |  |  |
| 1805 | 009_UA43064445_0092 | Equipment | License    | Software           | IT-SW | Copy of Security Update Subscription DefensePRO 6-02 DDs Behavioral Protection and IPS software with a shelf life of 12 months.  | 0 | Copy of Security Update Subscription DefensePRO 6-02 DDs Behavioral Protection and IPS software with a shelf life of 12 months.  | pcs | 1   |  |  |  |  |
| 1806 | 009_UA43064445_0093 | Equipment | License    | Software           | IT-SW | A copy of the software APsolute Vision Additional RTU-6/30 with a shelf life of 12 months.   | 0 | A copy of the software APsolute Vision Additional RTU-6/30 with a shelf life of 12 months.   | pcs | 1   |  |  |  |  |
| 1807 | 009_UA43064445_0094 | Equipment | Electrical | Computer equipment |       | RAM for servers  | 0 | RAM for ACLS REE DELL PowerEdge R630 Dell Memory Upgrade 8 Gb 1Rx8 DDR4 RDIMM 3200 Mhz   | pcs | 10  |  |  |  |  |
| 1808 | 009_UA43064445_0095 | Equipment | Electrical | Computer equipment |       | Hard disks for servers   | 0 | Hard drives for servers ACSK REE DELL PowerEdge R630 Dell 300 Gb 15k RPM SAS 12Gbps 2.5in Hot Plug HDD (400-AIRO)  | pcs | 6   |  |  |  |  |
| 1809 | 009_UA43064445_0096 | Equipment | Electrical | Computer equipment |       | Dell EMC ME 4024 Storage Array storage system  | 0 | Dell EMC ME 4024 Storage Array with 6 Hard Drives 900GB 15K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive  | pcs | 1   |  |  |  |  |
| 1810 | 063_UA30019801_0001 | Equipment | Gas        |                    | 0     | Fountain fittings  | 0 | AFC 3-65x21K1 (or similar)   | pcs | 10  |  |  |  |  |
| 1811 | 063_UA30019801_0002 | Equipment | Gas        |                    | 0     | Column head  | 0 | OKK1-168-245x210 (or similar)  | pcs | 14  |  |  |  |  |
| 1812 | 063_UA30019801_0003 | Equipment | Gas        |                    | 0     | Column head  | 0 | OKK1-146-245x210 (or similar)  | pcs | 6   |  |  |  |  |
| 1813 | 063_UA30019801_0004 | Equipment | Gas        |                    | 0     | Latch  | 0 | ZMS-65x21K1 (or similar)   | pcs | 100 |  |  |  |  |
| 1814 | 063_UA30019801_0005 | Equipment | Gas        |                    | 0     | High viscosity dry polymer   | 0 | UNI-PAC (or similar)   | t   | 6   |  |  |  |  |
| 1815 | 063_UA30019801_0006 | Equipment | Gas        |                    | 0     | Xanthan gum  | 0 | 0  | t   | 2   |  |  |  |  |
| 1816 | 063_UA30019801_0007 | Equipment | Gas        |                    | 0     | Mouth packer for columns   | 0 | d-219  | pcs | 2   |  |  |  |  |
| 1817 | 063_UA30019801_0008 | Equipment | Gas        |                    | 0     | Mouth packer for columns   | 0 | d-168  | pcs | 16  |  |  |  |  |
| 1818 | 063_UA30019801_0009 | Equipment | Gas        |                    | 0     | Mouth packer for columns   | 0 | d-146  | pcs | 8   |  |  |  |  |
| 1819 | 063_UA30019801_0010 | Equipment | Gas        |                    | 0     | The crane spherical Du50 Ru100 RP NU   | 0 | Du50 Ru100 manual drive, ground installation   | pcs | 11  |  |  |  |  |
| 1820 | 063_UA30019801_0011 | Equipment | Gas        |                    | 0     | The crane spherical Du50 Ru100 software OU   | 0 | Du50 Ru100 pneumatic drive, ground installation  | pcs | 11  |  |  |  |  |
| 1821 | 063_UA30019801_0012 | Equipment | Gas        |                    | 0     | The crane spherical Du50 Ru150 RP NU   | 0 | Du50 Ru150 manual drive, ground installation   | pcs | 22  |  |  |  |  |
| 1822 | 063_UA30019801_0013 | Equipment | Gas        |                    | 0     | The crane spherical Du80 Ru100 software OU   | 0 | Du80 Ru100 pneumatic drive, ground installation  | pcs | 11  |  |  |  |  |



|      |                     |           |            |  |  |   |            |  |     |      |  |  |  |  |
|------|---------------------|-----------|------------|--|--|---|------------|--|-----|------|--|--|--|--|
| 1823 | 063_UA30019801_0014 | Equipment | Gas        |  | 0  | The crane spherical Du80 Ru150 RP NU                | 0          | Du80 Ru150 manual drive, ground installation                     | pcs | 22   |  |  |  |  |
| 1824 | 063_UA30019801_0015 | Equipment | Gas        |  | 0  | The crane spherical Du100 Ru100 RP NU               | 0          | Du100 Ru100 manual drive, ground installation                    | pcs | 22   |  |  |  |  |
| 1825 | 063_UA30019801_0016 | Equipment | Gas        |  | 0  | The crane spherical Du100 Ru150 RP NU               | 0          | Du100 Ru150 manual drive, ground installation                    | pcs | 22   |  |  |  |  |
| 1826 | 063_UA30019801_0017 | Equipment | Gas        |  | 0  | The crane spherical Du150 Ru100 RP NU               | 0          | Du150 Ru100 manual drive, ground installation                    | pcs | 6    |  |  |  |  |
| 1827 | 063_UA30019801_0018 | Equipment | Gas        |  | 0  | Spherical crane Du200 Ru100 RP OU                   | 0          | Du200 Ru100 manual drive, ground installation                    | pcs | 6    |  |  |  |  |
| 1828 | 063_UA30019801_0019 | Equipment | Gas        |  | 0  | The crane spherical Du300 Ru100 PGP PU              | 0          | Du300 Ru100 pneumatic hydraulic drive, underground installation  | pcs | 4    |  |  |  |  |
| 1829 | 063_UA30019801_0020 | Equipment | Gas        |  | 0  | The crane spherical Du400 Ru100 RP NU               | 0          | Du400 Ru100 manual drive, ground installation                    | pcs | 4    |  |  |  |  |
| 1830 | 063_UA30019801_0021 | Equipment | Gas        |  | 0  | The crane spherical Du500 Ru100 PGP PU              | 0          | Du500 Ru100 pneumatic hydraulic drive, underground installation  | pcs | 3    |  |  |  |  |
| 1831 | 063_UA30019801_0022 | Equipment | Gas        |  | 0  | The crane spherical Du1000 Ru100 PGP PU             | 0          | Du1000 Ru100 pneumatic hydraulic drive, underground installation | pcs | 3    |  |  |  |  |
| 1832 | 063_UA30019801_0023 | Equipment | Gas        |  | 0  | The crane spherical Du1000 Ru100 PGP OU             | 0          | Du1000 Ru100 pneumatic hydraulic drive, ground installation      | pcs | 1    |  |  |  |  |
| 1833 | 063_UA30019801_0024 | Equipment | Gas        |  | 0  | The crane spherical Du700 Ru100 PGP OU              | 0          | Du700 Ru100 pneumatic hydraulic drive, ground installation       | pcs | 1    |  |  |  |  |
| 1834 | 063_UA30019801_0025 | Equipment | Gas        |  | 0  | The crane spherical Du300 Ru100 PGP OU              | 0          | Du300 Ru100 pneumatic hydraulic drive, ground installation       | pcs | 1    |  |  |  |  |
| 1835 | 063_UA30019801_0026 | Equipment | Gas        |  | 0  | Off-road truck                                      | 0          | boom height 22m  | pcs | 4    |  |  |  |  |
| 1836 | 063_UA30019801_0027 | Equipment | Gas        |  | 0  | Off-road truck                                      | 0          | boom height 28m  | pcs | 1    |  |  |  |  |
| 1837 | 063_UA30019801_0028 | Equipment | Gas        | Backup power plants                          | 0  | Gas power plant                                     | 0          | 800-1000 kW  | pcs | 2    |  |  |  |  |
| 1838 | 063_UA30019801_0029 | Equipment | Gas        | Backup power plants                          | 0  | Gas power plant                                     | 0          | 630 kW   | pcs | 1    |  |  |  |  |
| 1839 | 063_UA30019801_0030 | Equipment | Gas        | Backup power plants                          | 0  | Gas power plant                                     | 0          | 400 kW   | pcs | 3    |  |  |  |  |
| 1840 | 063_UA30019801_0031 | Equipment | Gas        | Backup power plants                          | 0  | Gas power plant                                     | 0          | 200 kW   | pcs | 1    |  |  |  |  |
| 1841 | 063_UA30019801_0032 | Equipment | Gas        | Backup power plants                          | 0  | Diesel power plant is mobile                        | 0          | 200 kW   | pcs | 2    |  |  |  |  |
| 1842 | 063_UA30019801_0033 | Equipment | Gas        | Backup power plants                          | 0  | Diesel power plant is mobile                        | 0          | 100 kW   | pcs | 9    |  |  |  |  |
| 1843 | 063_UA30019801_0034 | Equipment | Gas        | Backup power plants                          | 0  | Diesel power plant is mobile                        | 0          | 50 kW  | pcs | 1    |  |  |  |  |
| 1844 | 063_UA30019801_0035 | Equipment | Gas        | Backup power plants                          | 0  | Diesel power plant is mobile                        | 0          | 15 kW  | pcs | 5    |  |  |  |  |
| 1845 | 063_UA30019801_0036 | Equipment | Gas        | 0  | Explosion-proof portable lanterns                | 0   | 0          | 0  | pcs | 200  |  |  |  |  |
| 1846 | 063_UA30019801_0037 | Equipment | Gas        | Radio station                                | 0  | Motorola DP4400 (or 4600)                           | 0          | 0  | pcs | 100  |  |  |  |  |
| 1847 | 063_UA30019801_0038 | Equipment | Gas        | 0  | Elevator type A50 or UPA60 for overhaul of wells | 0   | 0          | 0  | pcs | 2    |  |  |  |  |
| 1848 | 063_UA30019801_0039 | Equipment | Gas        | 0  | Nitrogen membrane type installation              | 0   | 0          | 0  | pcs | 2    |  |  |  |  |
| 1849 | 063_UA30019801_0040 | Equipment | Gas        | 0  | Cementing unit type CA 320                       | 0   | 0          | 0  | pcs | 3    |  |  |  |  |
| 1850 | 063_UA30019801_0041 | Equipment | Electrical | Civil protection equipment                   | Backup power plants                              | Mobile steam generator type UPP 1600/100 or similar | 0          | 0  | pcs | 2    |  |  |  |  |
| 1851 | 063_UA30019801_0042 | Equipment | Gas        |  | 0  | Oil MS20GK or MMK20 or similar                      | 0          | 0  | t   | 150  |  |  |  |  |
| 1852 | 011_UA23293513_0001 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | supports   | support 110 kW                                      | 0          | reinforced concrete rack SK-26                                   | pcs | 5    |  |  |  |  |
| 1853 | 011_UA23293513_0002 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | supports   | support 35 kW                                       | 0          | reinforced concrete rack SK-22                                   | pcs | 2    |  |  |  |  |
| 1854 | 011_UA23293513_0003 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | supports   | support 35 kW                                       | 0          | reinforced concrete rack CB-164                                  | pcs | 4    |  |  |  |  |
| 1855 | 011_UA23293513_0004 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports   | support 10 kW                                       | 0          | reinforced concrete rack CB-105-5,0                              | pcs | 17   |  |  |  |  |
| 1856 | 011_UA23293513_0005 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports   | support 0.4 kW                                      | 0          | reinforced concrete rack CB-95-2,0                               | pcs | 36   |  |  |  |  |
| 1857 | 011_UA23293513_0006 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                 | wire  | AC-150     | 0  | km  | 1,5  |  |  |  |  |
| 1858 | 011_UA23293513_0007 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                 | wire  | AC-120     | 0  | ?   | ?    |  |  |  |  |
| 1859 | 011_UA23293513_0008 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire                                 | wire  | AC-95      | 0  | km  | 4,2  |  |  |  |  |
| 1860 | 011_UA23293513_0009 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | AC-70      | 0  | ?   | ?    |  |  |  |  |
| 1861 | 011_UA23293513_0010 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | AC-50      | ACS0 / 8   | km  | 7,6  |  |  |  |  |
| 1862 | 011_UA23293513_0011 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | AC-35      | 0  | ?   | ?    |  |  |  |  |
| 1863 | 011_UA23293513_0012 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | AC-25      | 0  | ?   | ?    |  |  |  |  |
| 1864 | 011_UA23293513_0013 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | A 70       | 0  | ?   | ?    |  |  |  |  |
| 1865 | 011_UA23293513_0014 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | A 50       | 0  | ?   | ?    |  |  |  |  |
| 1866 | 011_UA23293513_0015 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | A 35       | 0  | km  | 6,5  |  |  |  |  |
| 1867 | 011_UA23293513_0016 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Uninsulated wire                                 | wire  | A 25       | 0  | ?   | ?    |  |  |  |  |
| 1868 | 011_UA23293513_0017 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulated wire                                   | wire  | SIP 4 x 35 | 0  | km  | 0,25 |  |  |  |  |
| 1869 | 011_UA23293513_0018 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers                               | power transformer                                   | 110-35 kW  | 0  | ?   | ?    |  |  |  |  |

|      |                     |                  |            |  |                                  |   |   |   |                                   |      |        |        |  |  |
|------|---------------------|------------------|------------|--|----------------------------------|---|---|---|-----------------------------------|------|--------|--------|--|--|
| 1870 | 011_UA23293513_0019 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | power transformer                         | 10 / 0,4 kW   | TM -10 / 0,4 160 KWA  | pcs                               | 2    |        |        |  |  |
| 1871 | 011_UA23293513_0020 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers               | power transformer                         | 6 / 0,4 kW  | 0   | ?                                 | ?    |        |        |  |  |
| 1872 | 011_UA23293513_0021 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | current transformer                       | 0   | 0   | ?                                 | ?    |        |        |  |  |
| 1873 | 011_UA23293513_0022 | Equipment        | Electrical | Equipment for 110/35/10 kV substations       | Instrument transformers          | voltage transformer                       | 0   | 0   | ?                                 | ?    |        |        |  |  |
| 1874 | 011_UA23293513_0023 | Equipment        | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | Transformer substation (wardrobe)         | KTPM-100/10 / 0,4   | 0   | pcs                               | 4    |        |        |  |  |
| 1875 | 011_UA23293513_0024 | Equipment        | Electrical | Equipment for 110-35 kV overhead power lines | Insulators                       | Insulators (insulator)                    | 110 - 35 kW   | 0   | ?                                 | ?    |        |        |  |  |
| 1876 | 011_UA23293513_0025 | Equipment        | Electrical | Equipment for 10-0,4 kV overhead power lines | Insulators                       | Insulators (insulator)                    | Porcelain pin insulator (SHF-20)  | <a href="https://insol.prom.ua/p422807085-izolyator-shf-20g.html">https://insol.prom.ua/p422807085-izolyator-shf-20g.html</a>   | pcs                               | 40   |        |        |  |  |
| 1877 | 011_UA23293513_0026 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable                            | cable 10 (6) kW                           | AABI-10   | <a href="https://utcaa.com.ua/g102488302-kabel-aabi?utm_source=google&amp;utm_medium=cp&amp;utm_campaign=&amp;utm_group=&amp;utm_content=&amp;utm_term=&amp;gclid=CjwKCAIAjoeRbHAJeiwAYY3nDm3GLNNHJfbxG1mG8kx1VQxobpXEm7DU9704CHfH97Acn5c4f28oC6cQAvD_BwE">https://utcaa.com.ua/g102488302-kabel-aabi?utm_source=google&amp;utm_medium=cp&amp;utm_campaign=&amp;utm_group=&amp;utm_content=&amp;utm_term=&amp;gclid=CjwKCAIAjoeRbHAJeiwAYY3nDm3GLNNHJfbxG1mG8kx1VQxobpXEm7DU9704CHfH97Acn5c4f28oC6cQAvD_BwE</a>                   | km                                | 0,5  |        |        |  |  |
| 1878 | 011_UA23293513_0027 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable                            | cable 0,4 kW                              | ABBF 4 × 50   | <a href="https://utcaa.com.ua/g750395055-kabel-avg-4h50.html?utm_source=google&amp;utm_medium=cp&amp;utm_campaign=&amp;utm_group=&amp;utm_content=&amp;utm_term=&amp;gclid=CjwKCAIAjoeRbHAJeiwAYY3nDm3GLNNHJfbxG1mG8kx1VQxobpXEm7DU9704CHfH97Acn5c4f28oC6cQAvD_BwE">https://utcaa.com.ua/g750395055-kabel-avg-4h50.html?utm_source=google&amp;utm_medium=cp&amp;utm_campaign=&amp;utm_group=&amp;utm_content=&amp;utm_term=&amp;gclid=CjwKCAIAjoeRbHAJeiwAYY3nDm3GLNNHJfbxG1mG8kx1VQxobpXEm7DU9704CHfH97Acn5c4f28oC6cQAvD_BwE</a> | km                                | 0,1  |        |        |  |  |
| 1879 | 011_UA23293513_0028 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings                  | cable coupling 10 (6) kW                  | STP-10  | <a href="https://trtov.com/g9018422-mufity-soedinitelnye-kabelnye">https://trtov.com/g9018422-mufity-soedinitelnye-kabelnye</a>   | pcs                               | 4    |        |        |  |  |
| 1880 | 011_UA23293513_0029 | Equipment        | Electrical | Equipment of cable power lines of 10-0,4 kV  | Cable couplings                  | cable coupling 10 (6) kW                  | STP-1   | <a href="https://trtov.com/g9018422-mufity-soedinitelnye-kabelnye">https://trtov.com/g9018422-mufity-soedinitelnye-kabelnye</a>   | pcs                               | 4    |        |        |  |  |
| 1881 | 112_UA131245_0001   | Equipment        | Mechanical | Machinery                                    | Lifting mechanisms               | DRESTA bulldozer                          | CUMMINS QSX-15 engine model; Net power 246 kW; Operating weight 41,400 kg; Track frame: width of standard caterpillar support plates - 560 mm; the number of support rollers on one caterpillar - 38; the number of support rollers on each side - 7; number of supporting rollers on each side - 2; ground clearance 575 mm; the distance between the longitudinal axes of the caterpillars - 2140 mm; Dump: width x height - 5.61 m x 2.10 m; dump capacity - 21 m3; maximum depth - 0.60 m; maximum lifting height to the cutting edge - 1.27 m; the maximum height of skew of a dump - 1.22 m | 0   | pcs                               | 1    |        |        |  |  |
| 1882 | 112_UA131245_0002   | Equipment        |            |  |                                  | Conveyor belt 1200 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 400  |        |        |  |  |
| 1883 | 112_UA131245_0003   | Equipment        |            |  |                                  | Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 1500 |        |        |  |  |
| 1884 | 112_UA131245_0004   | Equipment        |            |  |                                  | Conveyor belt 1600 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 100  |        |        |  |  |
| 1885 | 114_UA5471247_0001  | Equipment        |            |  |                                  | Conveyor belt 1000 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 100  |        |        |  |  |
| 1886 | 114_UA5471247_0002  | Equipment        |            |  |                                  | Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 1500 |        |        |  |  |
| 1887 | 113_UA131334_0003   | Equipment        |            |  |                                  | Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 1500 |        |        |  |  |
| 1888 | 113_UA131334_0004   | Equipment        |            |  |                                  | Conveyor belt 2000 EP1000 / 5 4,5 / 3,5 V | 0   | DIN 22102   | sq.m                              | 100  |        |        |  |  |
| 1889 | 122_UA7_0001        | Energy resources |            |  |                                  | 0   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS   | 0                                 | t    | 250000 |        |  |  |
| 1890 | 122_UA7_0002        | Energy resources |            | Fuels and lubricants                         |                                  | Gasoline                                  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS   | 0                                 | t    | 80000  |        |  |  |
| 1891 | 122_UA7_0003        | Energy resources |            | Fuels and lubricants                         |                                  | Motor Oil                                 | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS   | 0                                 | t    | 1000   |        |  |  |
| 1892 | 122_UA7_0004        | Energy resources |            | Fuels and lubricants                         |                                  | LPG                                       | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS   | 0                                 | t    | 30000  |        |  |  |
| 1893 | 122_UA7_0005        | Energy resources |            | Fuels and lubricants                         |                                  | Jet Fuel                                  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS   | 0                                 | t    | 5000   |        |  |  |
| 1894 | 122_UA7_0006        | Energy resources |            |  |                                  |   | 0   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | t      | 3,5    |  |  |
| 1895 | 122_UA7_0007        | Energy resources |            |  |                                  |   | A-92  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | t      | 6,5    |  |  |
| 1896 | 122_UA7_0008        | Energy resources |            |  |                                  |   | A-92 / A-95   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 240    |  |  |
| 1897 | 122_UA7_0009        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 385    |  |  |
| 1898 | 122_UA7_0010        | Energy resources |            |  |                                  |   | A-92 / A-95   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 240    |  |  |
| 1899 | 122_UA7_0011        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 290    |  |  |
| 1900 | 122_UA7_0012        | Energy resources |            |  |                                  |   | A-92 / A-95   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 360    |  |  |
| 1901 | 122_UA7_0013        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 273    |  |  |
| 1902 | 122_UA7_0014        | Energy resources |            |  |                                  |   | A-92 / A-95   | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 120    |  |  |
| 1903 | 122_UA7_0015        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 420    |  |  |
| 1904 | 122_UA7_0016        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 197000 |  |  |
| 1905 | 122_UA7_0017        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 45000  |  |  |
| 1906 | 122_UA7_0018        | Energy resources |            |  |                                  |   | liquid  | ????? VERIFY  | ????? CHECK THE PRIMARY DOCUMENTS | 0    | L      | 130000 |  |  |
| 1907 | 121_UA05471230_0001 | Energy resources |            |  |                                  | Hydrazine Hydrate                         | 0   | 0   | L                                 | 200  |        |        |  |  |
| 1908 | 121_UA05471230_0002 | Energy resources |            |  |                                  | Lime                                      | 0   | 0   | t                                 | 60   |        |        |  |  |
| 1909 | 019_UA24584661_0001 | Energy resources |            |  |                                  | nuclear class anion exchangers            | 0   | 0   | cub.m                             | 30   |        |        |  |  |
| 1910 | 019_UA24584661_0002 | Energy resources |            |  |                                  | Cationites of the nuclear class           | 0   | 0   | cub.m                             | 45   |        |        |  |  |
| 1911 | 019_UA24584661_0003 | Energy resources |            |  |                                  | Sodium hydroxide                          | 0   | 0   | t                                 | 120  |        |        |  |  |
| 1912 | 019_UA24584661_0004 | Energy resources |            |  |                                  | Potassium hydroxide                       | 0   | 0   | t                                 | 10   |        |        |  |  |
| 1913 | 019_UA24584661_0005 | Energy resources |            |  |                                  | Nitric acid                               | 0   | 0   | t                                 | 60   |        |        |  |  |
| 1914 | 019_UA24584661_0006 | Energy resources |            |  |                                  | Sulfuric acid                             | 0   | 0   | t                                 | 120  |        |        |  |  |
| 1915 | 019_UA24584661_0007 | Energy resources |            |  |                                  | Boric acid                                | 0   | 0   | t                                 | 60   |        |        |  |  |
| 1916 | 019_UA24584661_0008 | Energy resources |            |  |                                  | Hydrazine hydrate                         | 0   | 0   | t                                 | 10   |        |        |  |  |
| 1917 | 019_UA24584661_0009 | Energy resources |            |  |                                  | Water ammonia                             | 0   | 0   | t                                 | 10   |        |        |  |  |
| 1918 | 019_UA24584661_0010 | Energy resources |            |  |                                  | Lime                                      | 0   | 0   | t                                 | 200  |        |        |  |  |
| 1919 | 019_UA24584661_0011 | Energy resources |            |  |                                  | Morpholine (ethanolamine)                 | 0   | 0   | t                                 | 20   |        |        |  |  |
| 1920 | 019_UA24584661_0012 | Energy resources |            |  |                                  | Iron sulfate                              | 0   | 0   | t                                 | 20   |        |        |  |  |
| 1921 | 019_UA24584661_0013 | Energy resources |            |  |                                  | Flocculant                                | 0   | 0   | t                                 | 5    |        |        |  |  |
| 1922 | 019_UA24584661_0014 | Energy resources |            |  |                                  | 0   | ??????  | 0   | t                                 | 5000 |        |        |  |  |
| 1923 | 019_UA24584661_0015 | Energy resources | liquid     | Fuels and lubricants                         | Heating oil                      | Fuel oil for PRK                          | 0   | 0   | t                                 | 2000 |        |        |  |  |
| 1924 | 019_UA24584661_0016 | Energy resources | liquid     | Fuels and lubricants                         | Transformer oil                  | Transformer oil GK                        | 0   | 0   | t                                 | 20   |        |        |  |  |
| 1925 | 019_UA24584661_0017 | Energy resources | liquid     | Fuels and lubricants                         | Turbine oil                      | Turbine oil TP-C or similar               | 0   | 0   | t                                 | 30   |        |        |  |  |
| 1926 | 019_UA24584661_0018 | Energy resources | liquid     | Fuels and lubricants                         | Turbine oil                      | Fyrqqel-L turbine oil                     | 0   | 0   | t                                 | 30   |        |        |  |  |
| 1927 | 019_UA24584661_0019 | Energy resources | liquid     | Fuels and lubricants                         | Transformer oil                  | Transformer oil Nytro 11GX                | 0   | 0   | t                                 | 60   |        |        |  |  |
| 1928 | 019_UA24584661_0020 | Energy resources | liquid     | Fuels and lubricants                         | Turbine oil                      | Turbine oil Reolube                       | 0   | 0   | t                                 | 20   |        |        |  |  |
| 1929 | 019_UA24584661_0021 | Energy resources | liquid     | Fuels and lubricants                         | Turbine oil                      | Olive M20G2 or similar                    | 0   | 0   | t                                 | 50   |        |        |  |  |
| 1930 | 019_UA24584661_0022 | Energy resources | liquid     | Fuels and lubricants                         | Turbine oil                      | Olive M10G2K or similar                   | 0   | 0   | t                                 | 10   |        |        |  |  |

|      |                     |                    |                      |                                  |                               |  |   |  |           |         |  |  |  |  |
|------|---------------------|--------------------|----------------------|----------------------------------|-------------------------------|--|---|--|-----------|---------|--|--|--|--|
| 1931 | 016_UA22815333_0001 | Energy resources   | liquid               | Fuels and lubricants             | petrol                        | A92 petrol   | 0 | 0  | L         | 90000   |  |  |  |  |
| 1932 | 016_UA22815333_0002 | Energy resources   | liquid               | Fuels and lubricants             | petrol                        | A95 petrol   | 0 | 0  | L         | 3000    |  |  |  |  |
| 1933 | 016_UA22815333_0003 | Energy resources   | liquid               | Fuels and lubricants             | Diesel fuel                   | Diesel fuel  | - | -  | L         | 60000   |  |  |  |  |
| 1934 | 016_UA22815333_0004 | Energy resources   | Fuels and lubricants | Supplies                         | Lubricants                    | M-8 ink  | 0 | 0  | kg        | 1500    |  |  |  |  |
| 1935 | 016_UA22815333_0005 | Energy resources   | Fuels and lubricants | Supplies                         | Lubricants                    | M-10 ink   | 0 | 0  | kg        | 500     |  |  |  |  |
| 1936 | 016_UA22815333_0006 | Energy resources   | Fuels and lubricants | Supplies                         | Lubricants                    | Two-stroke oil for chainsaws   | 0 | 0  | L         | 2000    |  |  |  |  |
| 1937 | 011_UA23293513_0030 | Energy resources   | liquid               | Fuels and lubricants             | Fuels and lubricants          | A-95   | 0 | 0  | L         | 13400   |  |  |  |  |
| 1938 | 011_UA23293513_0031 | Energy resources   | liquid               | Fuels and lubricants             | Fuels and lubricants          | Diesel   | 0 | 0  | L         | 6100    |  |  |  |  |
| 1939 | 112_UA131245_0001   | Energy resources   | Solid                | Coal                             |                               | Coal G, DG   | 0 | 0  | t         | 210000  |  |  |  |  |
| 1940 | 112_UA131245_0002   | Energy resources   | liquid               | Heating oil                      | fuel oil low-sulfur           | M-100 according to DSTU 4058-2001 (conditional viscosity at a temperature of 80 C not more than 16.0; mass fraction of sulfur not more than 1.0%; mass fraction of mechanical impurities up to 1.0%; pour point not more than 25 C; flash point not lower than 110 C) For starts in the absence of gas | 0 | 0  | t         | 1280    |  |  |  |  |
| 1941 | 112_UA131245_0003   | Energy resources   | liquid               |                                  | 0                             | liquid   | 0 | 0  | t         | 40      |  |  |  |  |
| 1942 | 112_UA131245_0004   | Energy resources   | natural gas*         |                                  | 0                             | When working exclusively on gas  | 0 | 0  | cub.m     | 1,4E+08 |  |  |  |  |
| 1943 | 011_UA23293513_0032 | Energy resources   | Solid                | Coal                             |                               | G, DG, A, P  | 0 | 0  | t         | 330000  |  |  |  |  |
| 1944 | 114_UA5471247_0001  | Energy resources   | liquid               | Heating oil                      | fuel oil low-sulfur           | M-100 according to DSTU 4058-2001 (conditional viscosity at a temperature of 80 C not more than 16.0; mass fraction of sulfur not more than 1.0%; mass fraction of mechanical impurities up to 1.0%; pour point not more than 25 C; flash point not lower than 110 C) For starts in the absence of gas | 0 | 0  | t         | 3240    |  |  |  |  |
| 1945 | 114_UA5471247_0002  | Energy resources   | natural gas*         |                                  | 0                             | When working exclusively on gas  | 0 | 0  | cub.m     | 1,7E+08 |  |  |  |  |
| 1946 | 113_UA131334_0001   | Energy resources   | Solid                | Coal                             |                               | G, DG  | 0 | 0  | t         | 230000  |  |  |  |  |
| 1947 | 113_UA131334_0002   | Energy resources   | liquid               | Heating oil                      | fuel oil low-sulfur           | M-100 according to DSTU 4058-2001 (conditional viscosity at a temperature of 80 C not more than 16.0; mass fraction of sulfur not more than 1.0%; mass fraction of mechanical impurities up to 1.0%; pour point not more than 25 C; flash point not lower than 110 C) For starts in the absence of gas | 0 | 0  | t         | 1500    |  |  |  |  |
| 1948 | 113_UA131334_0003   | Energy resources   | natural gas*         |                                  | 0                             | When working exclusively on gas  | 0 | 0  | cub.m     | 1,7E+08 |  |  |  |  |
| 1949 | 113_UA131334_0004   | Energy resources   | liquid               |                                  | 0                             | liquid   | 0 | 0  | t         | 80      |  |  |  |  |
| 1950 | 113_UA131334_0005   | Energy resources   | liquid               |                                  | 0                             | A-95   | 0 | 0  | t         | 15      |  |  |  |  |
| 1951 | 121_UA05471230_0001 | Energy resources   | liquid               | Motor oil                        |                               | Machine oil  | 0 | 0  | pcs       | 1700    |  |  |  |  |
| 1952 | 121_UA05471230_0002 | Energy resources   | liquid               | petrol                           |                               | A-92   | 0 | 0  | L         | 8500    |  |  |  |  |
| 1953 | 121_UA05471230_0003 | Energy resources   | liquid               | petrol                           |                               | A-95   | 0 | 0  | L         | 9200    |  |  |  |  |
| 1954 | 121_UA05471230_0004 | Energy resources   | liquid               |                                  | 0                             | liquid   | 0 | 0  | L         | 12000   |  |  |  |  |
| 1955 | 121_UA05471230_0005 | Energy resources   | ?                    | Glass                            |                               | 5 mm   | 0 | 0  | sq.m      | 10000   |  |  |  |  |
| 1956 | 111_UA30019775_0011 | Humanitarian needs | Protection           | Civil protection equipment       | Tactical first aid kits       | Sets of first-aid kits (army type)   | 0 | 0  | pcs       | 500     |  |  |  |  |
| 1957 | 111_UA30019775_0012 | Humanitarian needs | Food                 |                                  | 0                             | Fast food kits (dry soldering)   | 0 | 0  | pcs       | 17000   |  |  |  |  |
| 1958 | 111_UA30019775_0013 | Humanitarian needs | Protection           | Protective equipment and devices | Personal protection equipment | Body armor (lightweight type)  | 0 | 0  | pcs       | 450     |  |  |  |  |
| 1959 | 111_UA30019775_0014 | Humanitarian needs | Protection           | Civil protection equipment       | Personal protection equipment | Kevlar helmet  | 0 | 0  | pcs       | 450     |  |  |  |  |
| 1960 | 111_UA30019775_0015 | Humanitarian needs | Protection           | Civil protection equipment       | Personal protection equipment | Gas masks  | 0 | 0  | pcs       | 150     |  |  |  |  |
| 1961 | 111_UA30019775_0016 | Humanitarian needs | Protection           | Civil protection equipment       | Personal protection equipment | Gas masks  | 0 | panoramic mask and combined filter                   | pcs       | 700     |  |  |  |  |
| 1962 | 121_UA05471230_0001 | Humanitarian needs | Food                 |                                  |                               | Flour  | 0 | wheaten  | kg        | 49000   |  |  |  |  |
| 1963 | 121_UA05471230_0002 | Humanitarian needs | Food                 |                                  |                               | Flour  | 0 | rye  | kg        | 21000   |  |  |  |  |
| 1964 | 121_UA05471230_0003 | Humanitarian needs | Food                 |                                  |                               | Sugar  | 0 | 0  | kg        | 9900    |  |  |  |  |
| 1965 | 121_UA05471230_0004 | Humanitarian needs | Food                 |                                  |                               | Cereals  | 0 | buckwheat  | kg        | 7000    |  |  |  |  |
| 1966 | 121_UA05471230_0005 | Humanitarian needs | Food                 |                                  |                               | Cereals  | 0 | wheat  | kg        | 7000    |  |  |  |  |
| 1967 | 121_UA05471230_0006 | Humanitarian needs | Food                 |                                  |                               | preserves  | 0 | meat in assortment in cans                           | pcs       | 3750    |  |  |  |  |
| 1968 | 121_UA05471230_0007 | Humanitarian needs | Food                 |                                  |                               | preserves  | 0 | fish in assortment in cans                           | pcs       | 3200    |  |  |  |  |
| 1969 | 121_UA05471230_0008 | Humanitarian needs | Food                 |                                  |                               | Condensed milk   | 0 | in cans  | pcs       | 2640    |  |  |  |  |
| 1970 | 121_UA05471230_0009 | Humanitarian needs | Food                 |                                  |                               | Cookies  | 0 | 0  | packaging | 3430    |  |  |  |  |
| 1971 | 121_UA05471230_0010 | Humanitarian needs | Food                 |                                  |                               | Water  | 0 | drinking in 6 liter bottle                           | pcs       | 14800   |  |  |  |  |
| 1972 | 121_UA05471230_0011 | Humanitarian needs | Food                 |                                  |                               | Pasta  | 0 | in assortment  | kg        | 9850    |  |  |  |  |
| 1973 | 121_UA05471230_0012 | Humanitarian needs | Food                 |                                  |                               | Potato   | 0 | 0  | L         | 7500    |  |  |  |  |
| 1974 | 121_UA05471230_0013 | Humanitarian needs | Food                 |                                  |                               | Carrot   | 0 | 0  | kg        | 2500    |  |  |  |  |
| 1975 | 121_UA05471230_0014 | Humanitarian needs | Food                 |                                  |                               | Chicken  | 0 | in assortment  | kg        | 1200    |  |  |  |  |
| 1976 | 121_UA05471230_0015 | Humanitarian needs | Clothes              |                                  |                               | Thermal underwear  | 0 | in assortment  | kg        | 560     |  |  |  |  |
| 1977 | 120_UA20077720_0001 | Humanitarian needs | Protection           | Protective equipment and devices | Personal protection equipment | Bullet proof vests   | 0 | any  | ?         | ?       |  |  |  |  |
| 1978 | 120_UA20077720_0002 | Humanitarian needs | Protection           | Protective equipment and devices | Personal protection equipment | Helmets  | 0 | any  | ?         | ?       |  |  |  |  |
| 1979 | 120_UA20077720_0003 | Humanitarian needs | Protection           | Protective equipment and devices | Personal protection equipment | Portable transmitters / radio  | 0 | any  | ?         | ?       |  |  |  |  |
| 1980 | 120_UA20077720_0004 | Humanitarian needs | Protection           | Protective equipment and devices | Personal protection equipment | Drones   | 0 | with thermal / night vision capabilities and cameras | ?         | ?       |  |  |  |  |

|      |                     |                    |                    |  |                               |  |   |   |     |      |  |  |  |  |
|------|---------------------|--------------------|--------------------|--|-------------------------------|--|---|---|-----|------|--|--|--|--|
| 1981 | 120_UA20077720_0005 | Humanitarian needs | Protection         | Protective equipment and devices             | Personal protection equipment | Civilian drones  | 0 | for distant leakage and damage detection  | ?   | ?    |  |  |  |  |
| 1982 | 120_UA20077720_0006 | Humanitarian needs | Protection         | Protective equipment and devices             | Personal protection equipment | Manual thermal imager  | 0 | any   | ?   | ?    |  |  |  |  |
| 1983 | 120_UA20077720_0007 | Humanitarian needs | Household          |  |                               | Sleeping mats  | 0 | any   | ?   | ?    |  |  |  |  |
| 1984 | 120_UA20077720_0008 | Humanitarian needs | Water purification |  |                               | Sleeping bags  | 0 | any   | ?   | ?    |  |  |  |  |
| 1985 | 112_UA131245_0001   | Humanitarian needs | Water purification |  |                               | Sodium caustic technical liquid (brand RD or brand A) not lower than I grade (in terms of 100%)  | 0 | TU U 20.1-05761620-002 2019 or TU U 24.1-33129683-002: 2010   | t   | 30   |  |  |  |  |
| 1986 | 112_UA131245_0002   | Humanitarian needs | Water purification |  |                               | Contact sulfuric acid improved (in terms of 100%)  | 0 | DSTU GOST 2184: 2018 (GOST 2184-2013.IDT), TU BY 300220696043-2007  | t   | 60   |  |  |  |  |
| 1987 | 112_UA131245_0003   | Humanitarian needs | Water purification |  |                               | Lime construction quicklime (I grade, fraction to 30 mm) VP-K-A-1-gr   | 0 | DSTU BV 2.7.90-2011   | t   | 67   |  |  |  |  |
| 1988 | 112_UA131245_0004   | Humanitarian needs | Water purification |  |                               | Sodium hypochlorite grade A  | 0 | TU U 20.1-05761620-001: 2019  | t   | 35   |  |  |  |  |
| 1989 | 114_UA5471247_0001  | Humanitarian needs | Water purification |  |                               | Grinding balls, diameter 40 mm   | 0 | III or IV group according to DSTU 8538: 2015  | t   | 65   |  |  |  |  |
| 1990 | 114_UA5471247_0002  | Humanitarian needs | Water purification |  |                               | petrol aviation B-70 or petrol - solvent "Nefras" C2-80 / 120  | 0 | TU 38.101913-82 or TU 38.401-67-108-92  | t   | 1    |  |  |  |  |
| 1991 | 114_UA5471247_0003  | Humanitarian needs | Water purification |  |                               | Lime construction quicklime (I grade, fraction to 30 mm) VP-K-A-1-gr   | 0 | DSTU BV 2.7.90-2011   | t   | 67   |  |  |  |  |
| 1992 | 114_UA5471247_0004  | Humanitarian needs | Water purification |  |                               | Contact sulfuric acid improved (in terms of 100%)  | 0 | DSTU GOST 2184: 2018 (GOST 2184-2013.IDT), TU BY 300220696043-2007  | t   | 250  |  |  |  |  |
| 1993 | 114_UA5471247_0005  | Humanitarian needs | Water purification |  |                               | Sodium hypochlorite grade A  | 0 | TU U 20.1-05761620-001: 2019  | t   | 4    |  |  |  |  |
| 1994 | 114_UA5471247_0006  | Humanitarian needs | Water purification |  |                               | Stone salt   | 0 | DSTU 4246: 2003   | t   | 10   |  |  |  |  |
| 1995 | 114_UA5471247_0007  | Humanitarian needs | Water purification |  |                               | Hydrazine hydrate is technical   | 0 | GOST 19503-88 (not valid). Appearance - a clear colorless liquid with the smell of ammonia, steaming in the air. Mass fraction of hydrazine - not less than 64%       | t   | 2    |  |  |  |  |
| 1996 | 113_UA131334_0001   | Humanitarian needs | Water purification |  |                               | Contact sulfuric acid improved (in terms of 100%)  | 0 | DSTU GOST 2184: 2018 (GOST 2184-2013.IDT), TU BY 300220696043-2007  | t   | 60   |  |  |  |  |
| 1997 | 113_UA131334_0002   | Humanitarian needs | Water purification |  |                               | Sodium caustic technical liquid (brand RD or brand A) not lower than I grade (in terms of 100%)  | 0 | TU U 20.1-05761620-002 2019 or TU U 24.1-33129683-002: 2010   | t   | 30   |  |  |  |  |
| 1998 | 113_UA131334_0003   | Humanitarian needs | Water purification |  |                               | Lime construction quicklime (I grade, fraction to 30 mm) VP-K-A-1-gr   | 0 | DSTU BV 2.7.90-2011   | t   | 67   |  |  |  |  |
| 1999 | 002_UA23359034_0071 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Switches                      | 35 kV, 1,000 A, 16kA vacuum circuit breaker with a spring drive, powered from 220V AC  | 0 | 0   | pcs | 5    |  |  |  |  |
| 2000 | 002_UA23359034_0072 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Switches                      | 35 kV, 1,000 A, disconnector with two grounding blades, maintenance free   | 0 | 0   | pcs | 10   |  |  |  |  |
| 2001 | 002_UA23359034_0073 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Power transformers            | 35 kV current transformers with 100/5 molded insulation, with 3 secondary windings: 10P / 10P / 0.5 C  | 0 | 0   | pcs | 9    |  |  |  |  |
| 2002 | 002_UA23359034_0074 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Switches                      | 35 kV current transformers with 200/5 molded insulation, with 3 secondary windings: 10P / 10P / 0.5 C  | 0 | 0   | pcs | 9    |  |  |  |  |
| 2003 | 002_UA23359034_0075 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | prefabricated cells           | 35 kV packaged switchgear composed of: two sections with a section switch. On each section - three cells (cable gland, transformer bushing, ET) + a space for one reserve cell | 0 | 0   | pcs | 1    |  |  |  |  |
| 2004 | 002_UA23359034_0076 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Overvoltage limiters          | 35 kV Ur = 40.5kV surge arrester   | 0 | 0   | pcs | 60   |  |  |  |  |
| 2005 | 002_UA23359034_0077 | Equipment          | Electrical         | Equipment for 110/35/10 kV substations       | Power transformers            | 35 kv voltage transformer with molded insulation   | 0 | 0   | pcs | 9    |  |  |  |  |
| 2006 | 002_UA23359034_0078 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Insulated wire                | Aerial bundled cable 4 * 50  | 0 | aluminum wire with strand cross section of 50mm2 with flame retardant light-stabilized cross-linked polyethylene insulation Jute protected cable from 4 twisted wires | km  | 23   |  |  |  |  |
| 2007 | 002_UA23359034_0079 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Insulated wire                | Aerial bundled cable 4 * 70  | 0 | aluminum wire with strand cross section of 70mm2 with flame retardant light-stabilized cross-linked polyethylene insulation Jute protected cable from 4 twisted wires | km  | 23   |  |  |  |  |
| 2008 | 002_UA23359034_0080 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Insulated wire                | Aerial bundled cable 4 * 95  | 0 | aluminum wire with strand cross section of 95mm2 with flame retardant light-stabilized cross-linked polyethylene insulation Jute protected cable from 4 twisted wires | km  | 23   |  |  |  |  |
| 2009 | 002_UA23359034_0081 | Equipment          | Electrical         | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers              | Automatic circuit breaker 100A   | 0 | Automatic circuit breaker with electronic release for rated current of 100A   | pcs | 230  |  |  |  |  |
| 2010 | 002_UA23359034_0082 | Equipment          | Electrical         | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers              | Automatic circuit breaker 160A   | 0 | Automatic circuit breaker with electronic release for rated current of 160A   | pcs | 230  |  |  |  |  |
| 2011 | 002_UA23359034_0083 | Equipment          | Electrical         | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers              | 250A automatic circuit breaker   | 0 | Automatic circuit breaker with electronic release for rated current of 250A   | pcs | 230  |  |  |  |  |
| 2012 | 002_UA23359034_0084 | Equipment          | Electrical         | Equipment TP-RP 10/6 / 0,4kV                 | Circuit breakers              | Automatic circuit breaker 400A   | 0 | Automatic circuit breaker with electronic release for rated current of 400A   | pcs | 230  |  |  |  |  |
| 2013 | 002_UA23359034_0085 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | binding band   | 0 | 19-20 mm wide, 0.75-0.8 mm thick stainless strip. Breaking stress 500 kg.   | pcs | 2100 |  |  |  |  |
| 2014 | 002_UA23359034_0086 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | Brace SOT-36   | 0 | plate from 2-3 mm thick stainless steel   | pcs | 2100 |  |  |  |  |
| 2015 | 002_UA23359034_0087 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | bracket SN-29  | 0 | a bracket is produced from 10mm thick steel strip   | 0   | 0    |  |  |  |  |
| 2016 | 002_UA23359034_0088 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | Bracket U-1  | 0 | a bracket is produced from 10mm thick steel strip   | 0   | 0    |  |  |  |  |
| 2017 | 002_UA23359034_0089 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | Cable cutters  | 0 | Cable cutters   | pcs | 6    |  |  |  |  |
| 2018 | 002_UA23359034_0090 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings           | Clamp SO-118   | 0 | suspension-pendant fittings for fixing aerial bundled cable   | pcs | 200  |  |  |  |  |
| 2019 | 002_UA23359034_0091 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings           | Clamp SO-130   | 0 | suspension-pendant fittings for fixing aerial bundled cable   | pcs | 500  |  |  |  |  |
| 2020 | 002_UA23359034_0092 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | clamp X-11   | 0 | produced from 16 mm dia. wire rod   | 0   | 0    |  |  |  |  |
| 2021 | 002_UA23359034_0093 | Equipment          | Electrical         | Equipment for 10-0.4 kV overhead power lines | Linear armature               | clamp X-12   | 0 | produced from 16 mm dia. wire rod   | pcs | 460  |  |  |  |  |
| 2022 | 002_UA23359034_0094 | Equipment          | Electrical         | Equipment for 110-35 kV overhead power lines | Linear armature               | Clamping unit SOAS-120   | 0 | 0   | pcs | 3000 |  |  |  |  |

|      |                     |           |            |  |                     |  |   |   |     |      |  |  |  |  |
|------|---------------------|-----------|------------|--|---------------------|--|---|---|-----|------|--|--|--|--|
| 2023 | 002_UA23359034_0095 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Clamping unit SOAS-150   | 0 | 0   | pcs | 2000 |  |  |  |  |
| 2024 | 002_UA23359034_0096 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | CLAMPING UNIT SOAS-240   | 0 | 0   | pcs | 1000 |  |  |  |  |
| 2025 | 002_UA23359034_0097 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | Clamping unit SOAS-50  | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2026 | 002_UA23359034_0098 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | Clamping unit SOAS-70  | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2027 | 002_UA23359034_0099 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | Cross beam TM-3  | 0 | produced from hot-rolled steel (angle 70 mm), 20 mm dia. pins       | pcs | 460  |  |  |  |  |
| 2028 | 002_UA23359034_0100 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear armature     | cross beam TN-9  | 0 | produced from hot-rolled steel (angle 63 mm), 16 mm dia. pins       | pcs | 1400 |  |  |  |  |
| 2029 | 002_UA23359034_0101 | Equipment | Electrical | Equipment of cable power lines of 10-0.4 kV  | cable couplings     | Gas torches for working on cable lines                           | 0 | Gas torches for working on cable lines                              | pcs | 6    |  |  |  |  |
| 2030 | 002_UA23359034_0102 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Linear armature     | Glass insulators PS-120  | 0 | 0   | pcs | 2000 |  |  |  |  |
| 2031 | 002_UA23359034_0103 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators          | Glass insulators PS-70   | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2032 | 002_UA23359034_0104 | Equipment | Mechanical | Equipment for 10-0.4 kV overhead power lines | Hydraulic presses   | Hydraulic press  | 0 | Hydraulic press for cable terminations from 10 to 240 mm.           | pcs | 6    |  |  |  |  |
| 2033 | 002_UA23359034_0105 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators          | insulators SHF-20G   | 0 | pin type porcelain insulator for the rated voltage of up to 1kV     | pcs | 2600 |  |  |  |  |
| 2034 | 002_UA23359034_0106 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Insulators          | TF-20 insulators   | 0 | pin type porcelain insulator for the rated voltage of 20 kV         | pcs | 1000 |  |  |  |  |
| 2035 | 002_UA23359034_0107 | Equipment | Electrical | Supplies                                     | Supplies            | LED floodlight   | 0 | LED floodlight, on a tripod   | pcs | 20   |  |  |  |  |
| 2036 | 002_UA23359034_0108 | Equipment | Mechanical | Devices and tools                            | Wiring tools        | Open end wrench kit 6 - 32 mm                                    | 0 | Open end wrench kit 6 - 32 mm                                       | set | 15   |  |  |  |  |
| 2037 | 002_UA23359034_0109 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | piercing clamp   | 0 | suspension-pendant fittings for fixing aerial bundled cable         | pcs | 1400 |  |  |  |  |
| 2038 | 002_UA23359034_0110 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports            | Field SV-105   | 0 | reinforced concrete, vibrocast, 10.5 m long, bending moment 5 t / m | pcs | 460  |  |  |  |  |
| 2039 | 002_UA23359034_0111 | Equipment | Electrical | Equipment for 10-0.4 kV overhead power lines | supports            | Field SV-95  | 0 | reinforced concrete, vibrocast, 9.5 m long, bending moment 3 t / m  | pcs | 700  |  |  |  |  |
| 2040 | 002_UA23359034_0112 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators          | Polymer insulators LKTs-120-110                                  | 0 | 0   | pcs | 800  |  |  |  |  |
| 2041 | 002_UA23359034_0113 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators          | Polymer insulators LKTs-120-150                                  | 0 | 0   | pcs | 800  |  |  |  |  |
| 2042 | 002_UA23359034_0114 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators          | Polymer insulators LKTs-70-110                                   | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2043 | 002_UA23359034_0115 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Insulators          | Polymer insulators LKTs-70-150                                   | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2044 | 002_UA23359034_0116 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers  | Power double-wound transformer, equivalent to TDN-10000 35/10 kV | 0 | 0   | pcs | 2    |  |  |  |  |
| 2045 | 002_UA23359034_0117 | Equipment | Electrical | Equipment for 110/35/10 kV substations       | Power transformers  | Power double-wound transformer, equivalent to TDN-4000 35/6 kV   | 0 | 0   | pcs | 2    |  |  |  |  |
| 2046 | 002_UA23359034_0118 | Equipment |            |  | 0                   | Ram clamp  | 0 | 0   | pcs | 4000 |  |  |  |  |
| 2047 | 002_UA23359034_0119 | Equipment |            |  | 0                   | Ram clamp  | 0 | 0   | pcs | 3000 |  |  |  |  |
| 2048 | 002_UA23359034_0120 | Equipment |            |  | 0                   | Ram clamp  | 0 | 0   | pcs | 300  |  |  |  |  |
| 2049 | 002_UA23359034_0121 | Equipment |            |  | 0                   | Retaining hook   | 0 | suspension-pendant fittings for fixing aerial bundled cable         | pcs | 700  |  |  |  |  |
| 2050 | 002_UA23359034_0122 | Equipment |            |  | 0                   | Satphones  | 0 | 0   | pcs | 50   |  |  |  |  |
| 2051 | 002_UA23359034_0123 | Equipment |            |  | 0                   | Thermit bulb of PAS type   | 0 | 0   | pcs | 500  |  |  |  |  |
| 2052 | 002_UA23359034_0124 | Equipment |            |  | 0                   | Thermomatches  | 0 | 0   | pcs | 100  |  |  |  |  |
| 2053 | 002_UA23359034_0125 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-100/10   | 0 | 10 kVA 10 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2054 | 002_UA23359034_0126 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-100/6  | 0 | 100 kVA 6 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2055 | 002_UA23359034_0127 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-1000/6   | 0 | 1000 kVA 6 kV-rated sealed oil-insulated transformer                | 0   | 0    |  |  |  |  |
| 2056 | 002_UA23359034_0128 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-160/10   | 0 | 160 kVA 10 kV-rated sealed oil-insulated transformer                | 0   | 0    |  |  |  |  |
| 2057 | 002_UA23359034_0129 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-160/6  | 0 | 160 kVA 6 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2058 | 002_UA23359034_0130 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-25/10  | 0 | 25 kVA 10 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2059 | 002_UA23359034_0131 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-25/6   | 0 | 25 kVA 6 kV-rated sealed oil-insulated transformer                  | 0   | 0    |  |  |  |  |
| 2060 | 002_UA23359034_0132 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-250/10   | 0 | 250 kVA 10 kV-rated sealed oil-insulated transformer                | 0   | 0    |  |  |  |  |
| 2061 | 002_UA23359034_0133 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-250/6  | 0 | 250 kVA 6 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2062 | 002_UA23359034_0134 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-40/10  | 0 | 40 kVA 10 kV-rated sealed oil-insulated transformer                 | 0   | 0    |  |  |  |  |
| 2063 | 002_UA23359034_0135 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-40/6   | 0 | 40 kVA 6 kV-rated sealed oil-insulated transformer                  | 0   | 0    |  |  |  |  |
| 2064 | 002_UA23359034_0136 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                 | Power transformers  | TMG-400/10   | 0 | 400 kVA 10 kV-rated sealed oil-insulated transformer                | 0   | 0    |  |  |  |  |

|      |                     |           |            |  |                    |  |   |  |     |     |  |  |  |  |
|------|---------------------|-----------|------------|--|--------------------|--|---|--|-----|-----|--|--|--|--|
| 2065 | 002_UA23359034_0137 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers | TMG-400/6  | 0 | 400 kVA 6 kV-rated sealed oil-insulated transformer  | 0   | 0   |  |  |  |  |
| 2066 | 002_UA23359034_0138 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers | TMG-63/10  | 0 | 63 kVA 10 kV-rated sealed oil-insulated transformer  | 0   | 0   |  |  |  |  |
| 2067 | 002_UA23359034_0139 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers | TMG-63/6   | 0 | 63 kVA 6 kV-rated sealed oil-insulated transformer   | 0   | 0   |  |  |  |  |
| 2068 | 002_UA23359034_0140 | Equipment | Electrical | Equipment TP-RP 10/6 / 0,4kV                 | Power transformers | TMG-630/6  | 0 | 630 kVA 6 kV-rated sealed oil-insulated transformer  | 0   | 0   |  |  |  |  |
| 2069 | 002_UA23359034_0141 | Equipment |            |  | 0                  | vertical-break disconnecting   | 0 | switch RLN-20 Rated voltage 20kV, Rated current 400A | pcs | 70  |  |  |  |  |
| 2070 | 002_UA23359034_0142 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire   | Wire AS-120/19   | 0 | 0  | t   | 15  |  |  |  |  |
| 2071 | 002_UA23359034_0143 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire   | Wire AS-150  | 0 | 0  | t   | 10  |  |  |  |  |
| 2072 | 002_UA23359034_0144 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire   | Wire AS-240  | 0 | 0  | t   | 8   |  |  |  |  |
| 2073 | 002_UA23359034_0145 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire   | Wire AS-300  | 0 | 0  | t   | 8   |  |  |  |  |
| 2074 | 002_UA23359034_0146 | Equipment | Electrical | Equipment for 110-35 kV overhead power lines | Uninsulated wire   | Wire AS-95   | 0 | 0  | t   | 10  |  |  |  |  |
| 2075 | 002_UA23359034_0147 | Equipment | Electrical | Computer networks                            |                    | FG-100D (101E) (F) -BDL (Network firewall) Fortinet FG-100D UTM Bundle 1Y 8x5  | 0 | 0  | pcs | 14  |  |  |  |  |
| 2076 | 002_UA23359034_0148 | Equipment | Electrical | Computer networks                            |                    | FGR-30D-BDL (Network firewall) Fortinet FGR-30D, 1Y 8x5 Forticare and Fortiguard UTM   | 0 | 0  | pcs | 428 |  |  |  |  |
| 2077 | 002_UA23359034_0149 | Equipment | Electrical | Computer networks                            |                    | FC-10-00116-159-02-12 (Software) Fortinet FG-100D (101E) 1Y FortiGuard Industrial Security Service                                       | 0 | 0  | pcs | 14  |  |  |  |  |
| 2078 | 002_UA23359034_0150 | Equipment | Electrical | Computer networks                            |                    | FC-10-R030D-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 428 |  |  |  |  |
| 2079 | 002_UA23359034_0151 | Equipment | Electrical | Computer networks                            |                    | FC1-10-M3004-248-02-12 (Software) Fortinet 1 Year 24x7 Comprehensive FortiCare (1 - 10 devices)  | 0 | 0  | pcs | 54  |  |  |  |  |
| 2080 | 002_UA23359034_0152 | Equipment | Electrical | Computer networks                            |                    | FC1-15-EMS01-158-02-12 (FC1-15-EMS01-297-01-12) (Software) FortiClient Enterprise Management Server License subscription for 100 clients | 0 | 0  | pcs | 1   |  |  |  |  |
| 2081 | 002_UA23359034_0153 | Equipment | Electrical | Computer networks                            |                    | FC2-10-OACVM-248-02-12 (Software) 1 Year 24x7 FortiCare Contract (1 - 1100 USERS)  | 0 | 0  | pcs | 1   |  |  |  |  |
| 2082 | 002_UA23359034_0154 | Equipment | Electrical | Computer networks                            |                    | FMG-VM-10-UG (Software) Fortinet Upgrade license for adding 10 Fortinet devices / Virtual Domains  | 0 | 0  | pcs | 44  |  |  |  |  |
| 2083 | 002_UA23359034_0155 | Equipment | Electrical | Computer networks                            |                    | FMG-VM-BASE (Software) Base license for stackable FortiManager-VM  | 0 | 0  | pcs | 0   |  |  |  |  |
| 2084 | 002_UA23359034_0156 | Equipment | Electrical | Computer networks                            |                    | FTK-200 (B) -50 (Software) Fifty pieces one-time password token, time based password generator   | 0 | 0  | pcs | 1   |  |  |  |  |
| 2085 | 002_UA23359034_0157 | Equipment | Electrical | Computer networks                            |                    | FC-10-W0300-247-02-60 (Software) Fortinet FS-224E 5 Year 24x7 FortiCare Contract   | 0 | 0  | pcs | 22  |  |  |  |  |
| 2086 | 002_UA23359034_0158 | Equipment | Electrical | Computer networks                            |                    | VM Central management console CMC - upper level  | 0 | 0  | pcs | 1   |  |  |  |  |
| 2087 | 002_UA23359034_0159 | Equipment | Electrical | Computer networks                            |                    | VM Central management console CMC - DSO level  | 0 | 0  | pcs | 1   |  |  |  |  |
| 2088 | 002_UA23359034_0160 | Equipment | Electrical | Computer networks                            |                    | HW Guardian NSG-L 250 (5000 nodes) 4xSFP slot  | 0 | 0  | pcs | 3   |  |  |  |  |
| 2089 | 002_UA23359034_0161 | Equipment | Electrical | Computer networks                            |                    | FAC-VM-1000-UG (Software) Adds 1,000 users to FortiAuthenticator-VM  | 0 | 0  | pcs | 2   |  |  |  |  |
| 2091 | 004_UA00131268_0002 | Equipment | Electrical | Computer networks                            |                    | FAC-VM-Base (Software) Fortinet FortiAuthenticator-VM Base with 100 user license. Unlimited vCPU   | 0 | 0  | pcs | 2   |  |  |  |  |
| 2092 | 004_UA00131268_0003 | Equipment | Electrical | Computer networks                            |                    | FC-10-00119-159-02-12 (Software) Fortinet FG-101E 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 42  |  |  |  |  |
| 2093 | 004_UA00131268_0004 | Equipment | Electrical | Computer networks                            |                    | FC-10-00208-159-02-12 (Software) Fortinet FG-201E 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 1   |  |  |  |  |
| 2094 | 004_UA00131268_0005 | Equipment | Electrical | Computer networks                            |                    | FC-10-R030D-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 180 |  |  |  |  |
| 2095 | 004_UA00131268_0006 | Equipment | Electrical | Computer networks                            |                    | FC-10-W0300-247-02-60 (Software) Fortinet FS-224E 5 Year 24x7 FortiCare Contract   | 0 | 0  | pcs | 22  |  |  |  |  |
| 2096 | 004_UA00131268_0007 | Equipment | Electrical | Computer networks                            |                    | FC1-15-EMS01-297-02 (01)-12 (Software) Fortinet 1Y Security Fabric Agent with EPP license for 25 endpoints 24x7                          | 0 | 0  | pcs | 2   |  |  |  |  |
| 2097 | 004_UA00131268_0008 | Equipment | Electrical | Computer networks                            |                    | FC2-10-OACVM-248-02-12 (Software) 1 Year 24x7 FortiCare Contract (1 - 1100 USERS)  | 0 | 0  | pcs | 2   |  |  |  |  |
| 2098 | 004_UA00131268_0009 | Equipment | Electrical | Computer networks                            |                    | FC2-10-M3004-248-02-12 (Software) Fortinet 1 Y 24x7 Comprehensive FortiCare (1 - 110 devices)  | 0 | 0  | pcs | 2   |  |  |  |  |

|      |                     |           |            |  |                    |   |   |  |     |      |  |  |  |  |
|------|---------------------|-----------|------------|--|--------------------|---|---|--|-----|------|--|--|--|--|
| 2099 | 004_UA00131268_0010 | Equipment | Electrical | Computer networks                                  |                    | FG-101E (F) -BDL-950-12 (Network firewall)<br>Fortinet FG-101E Hardware plus 1Y 24x7<br>FortiCare and FortiGuard UTM Bundle   | 0 | 0  | pcs | 42   |  |  |  |  |
| 2100 | 004_UA00131268_0011 | Equipment | Electrical | Computer networks                                  |                    | FG-201E-BDL-950-12 (Network firewall)<br>Fortinet FG-201E Hardware plus 1 Year 24x7<br>FortiCare and FortiGuard Unified (UTM) | 0 | 0  | pcs | 1    |  |  |  |  |
| 2101 | 004_UA00131268_0012 | Equipment | Electrical | Computer networks                                  |                    | FGR-30D-BDL-950-12 (Network firewall)<br>Fortinet FGR-30D Hardware plus 1Y 24x7<br>FortiCare and FortiGuard Unified (UTM)     | 0 | 0  | pcs | 180  |  |  |  |  |
| 2102 | 004_UA00131268_0013 | Equipment | Electrical | Computer networks                                  |                    | FMG-VM-100-UG (Software) Fortinet Upgrade<br>license 100 devices for total 5 GB / Day and 1 TB<br>storage                     | 0 | 0  | pcs | 3    |  |  |  |  |
| 2103 | 004_UA00131268_0014 | Equipment | Electrical | Computer networks                                  |                    | FMG-VM-BASE (Software) Base license for<br>stackable FortiManager-VM  | 0 | 0  | pcs | 2    |  |  |  |  |
| 2104 | 004_UA00131268_0015 | Equipment | Electrical | Computer networks                                  |                    | FS-224E (Switch) Fortinet FS-224E Layer 2/3<br>controller compatible switch with 24xGE RJ45,<br>4xGE SFP                      | 0 | 0  | pcs | 22   |  |  |  |  |
| 2105 | 004_UA00131268_0016 | Equipment | Electrical | Computer networks                                  |                    | FTK-200 (B) -50 OptionFortinet FortiToken-200,<br>fifty OTP tokens, time based password<br>generator.                         | 0 | 0  | pcs | 1    |  |  |  |  |
| 2106 | 004_UA00131268_0017 | Equipment | Electrical | Computer networks                                  |                    | Guardian NSG-M 750 (10000 nodes)  | 0 | 0  | pcs | 1    |  |  |  |  |
| 2107 | 004_UA00131268_0018 | Equipment | Electrical | Computer networks                                  |                    | 4x1000Base-T slot   | 0 | 0  | pcs | 1    |  |  |  |  |
| 2108 | 038_UA31018149_0019 | Equipment | Electrical | Computer networks                                  |                    | FC-10-R030D-159-02-12 (Software) Fortinet<br>FGR-30D 1Y FortiGuard Industrial Security<br>Service                             | 0 | 0  | pcs | 31   |  |  |  |  |
| 2109 | 038_UA31018149_0020 | Equipment | Electrical | Computer networks                                  |                    | FGR-30D-BDL (Network firewall) Fortinet FGR-<br>30D, 1Y 8xS Forticare and FortiGuard UTM                                      | 0 | 0  | pcs | 31   |  |  |  |  |
| 2110 | 029_UA41946011_0021 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV cable termination  | 0 | PKVTP-1 (150-240)                                      | pcs | 100  |  |  |  |  |
| 2111 | 029_UA41946011_0022 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV cable termination  | 0 | PKVTP-1 (70-120)                                       | pcs | 100  |  |  |  |  |
| 2112 | 029_UA41946011_0023 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV coupling cable joint   | 0 | 1PSTP-6 4 / 150-240                                    | pcs | 1000 |  |  |  |  |
| 2113 | 029_UA41946011_0024 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV coupling cable joint   | 0 | 1PSTP-5 4 / 70-120                                     | pcs | 1000 |  |  |  |  |
| 2114 | 029_UA41946011_0025 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV reducing cable joint   | 0 | 1STPP-6 (4 / 150-240)                                  | pcs | 500  |  |  |  |  |
| 2115 | 029_UA41946011_0026 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 0.4 kV reducing cable joint   | 0 | 1STPP-5 (4 / 70-120)                                   | pcs | 500  |  |  |  |  |
| 2116 | 029_UA41946011_0027 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling cable joint  | 0 | FIELD 24 / 1X240-400                                   | pcs | 100  |  |  |  |  |
| 2117 | 029_UA41946011_0028 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling cable joint  | 0 | FIELD 24 / 1X120-240                                   | pcs | 150  |  |  |  |  |
| 2118 | 029_UA41946011_0029 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling cable joint  | 0 | FIELD 24/1X500   | pcs | 60   |  |  |  |  |
| 2119 | 029_UA41946011_0030 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling joint for paper-insulated cable  | 0 | ZSTP-10 70/120   | pcs | 1500 |  |  |  |  |
| 2120 | 029_UA41946011_0031 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling joint for paper-insulated cable  | 0 | ZSTP-3 10,150 / 240                                    | pcs | 1000 |  |  |  |  |
| 2121 | 029_UA41946011_0032 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling joint for paper-insulated cable  | 0 | KNTP 10 / 150-240                                      | pcs | 400  |  |  |  |  |
| 2122 | 029_UA41946011_0033 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV coupling joint for paper-insulated cable  | 0 | KNTP 10 / 70-120                                       | pcs | 500  |  |  |  |  |
| 2123 | 029_UA41946011_0034 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | cable couplings    | 10 kV reducing cable joint  | 0 | TRAJ 24 120-240 3HL                                    | pcs | 80   |  |  |  |  |
| 2124 | 029_UA41946011_0035 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                       | Power transformers | 10 / 0.4 kV power transformer   | 0 | TMG-1000 kVA 10 / 0.4 kV                               | pcs | 8    |  |  |  |  |
| 2125 | 029_UA41946011_0036 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                       | Power transformers | 10 / 0.4 kV power transformer   | 0 | TMG-630 kVA 10 / 0.4 kV                                | pcs | 10   |  |  |  |  |
| 2126 | 029_UA41946011_0037 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                       | Power transformers | 10 / 0.4 kV power transformer   | 0 | TMG-400 kVA 10 / 0.4 kV                                | pcs | 12   |  |  |  |  |
| 2127 | 029_UA41946011_0038 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                       | Power transformers | 10 / 0.4 kV power transformer   | 0 | TS-1000 kVA 10 / 0.4 kV                                | pcs | 2    |  |  |  |  |
| 2128 | 029_UA41946011_0039 | Equipment | Electrical | Equipment TP-RP 10/6 / 0.4kV                       | Power transformers | 10 / 0.4 kV power transformer   | 0 | TS-630 kVA 10 / 0.4 kV                                 | pcs | 2    |  |  |  |  |
| 2129 | 029_UA41946011_0040 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Power transformers | 110 kV corner dead-end pole   | 0 | U-110-2  | pcs | 2    |  |  |  |  |
| 2130 | 029_UA41946011_0041 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Power transformers | 110 kV reinforced concrete pole   | 0 | SK-26  | pcs | 8    |  |  |  |  |
| 2131 | 029_UA41946011_0042 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Power transformers | 110/10/10 kV power transformer  | 0 | TDTN 40000 kVA 110/35/10 kV U1                         | pcs | 1    |  |  |  |  |
| 2132 | 029_UA41946011_0043 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Power transformers | 110/10/10 kV power transformer  | 0 | TDTN 63000 kVA 110/10/10 kV U1                         | pcs | 1    |  |  |  |  |
| 2133 | 029_UA41946011_0044 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Power transformers | 110/10/10 kV power transformer  | 0 | TRDN-40000 kVA 110/10/10 kV U1                         | pcs | 2    |  |  |  |  |
| 2134 | 029_UA41946011_0045 | Equipment | Electrical | Equipment of 110/35 kV cable<br>transmission lines | cable couplings    | 35 kV cable termination   | 0 | POLT-42F / 1X1-L16                                     | set | 30   |  |  |  |  |
| 2135 | 029_UA41946011_0046 | Equipment | Electrical | Equipment of 110/35 kV cable<br>transmission lines | cable couplings    | 35 kV coupling cable joint  | 0 | POLI-42 / 1x500  | pcs | 60   |  |  |  |  |
| 2136 | 029_UA41946011_0047 | Equipment | Electrical | Equipment of 110/35 kV cable<br>transmission lines | cable couplings    | 35 kV coupling cable joint  | 0 | POLI-42 / 1x300-400                                    | pcs | 60   |  |  |  |  |
| 2137 | 029_UA41946011_0048 | Equipment | Electrical | Equipment of 110/35 kV cable<br>transmission lines | cable couplings    | 35 kV reducing cable joint  | 0 | TRAJ 42 / 1x120-240-3HL                                | pcs | 60   |  |  |  |  |
| 2138 | 029_UA41946011_0049 | Equipment | Electrical | Equipment for 110/35/10 kV<br>substations          | Switches           | 35 kV vacuum circuit breaker (unit, 3 phases,<br>drive)   | 0 | B35B-LE-51 / K-U1 with 3AF0141 vacuum circuit breakers | set | 5    |  |  |  |  |
| 2139 | 029_UA41946011_0050 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | Insulated wire     | Aerial bundled cable 4X70   | 0 | SIP 4X70   | km  | 10   |  |  |  |  |
| 2140 | 029_UA41946011_0051 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | Insulated wire     | Aerial bundled cable 4X95   | 0 | SIP 4X95   | km  | 10   |  |  |  |  |
| 2141 | 029_UA41946011_0052 | Equipment | Electrical | Equipment of cable power lines of 10-<br>0.4 kV    | Insulated wire     | Aerial bundled cable SIP-3 1X70   | 0 | SIP-3 1X70   | km  | 5    |  |  |  |  |
| 2142 | 029_UA41946011_0053 | Equipment | Electrical | Equipment for 110-35 kV overhead<br>power lines    | Uninsulated wire   | Aluminum-steel wire   | 0 | AS-185/29  | kg  | 1000 |  |  |  |  |



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|------|---------------------|-----------|-------------------|--|----------------------------|--|---|---|-----|------|--|--|--|--|
| 2143 | 029_UA41946011_0054 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Uninsulated wire           | Aluminum-steel wire  | 0 | AS-300/39   | kg  | 1400 |  |  |  |  |
| 2144 | 029_UA41946011_0055 | Equipment | electric networks |  | 0                          | Anchored tension clamp   | 0 | Anchored tension clamp                                    | pcs | 100  |  |  |  |  |
| 2145 | 029_UA41946011_0056 | Equipment | electric networks |  | 0                          | Cable cutters  | 0 | Cable cutters   | pcs | 20   |  |  |  |  |
| 2146 | 029_UA41946011_0057 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Linear armature            | Clamping unit SOAS-120   | 0 | SOAS-120  | pcs | 30   |  |  |  |  |
| 2147 | 029_UA41946011_0058 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Linear armature            | Clip X-01  | 0 | X-01  | pcs | 40   |  |  |  |  |
| 2148 | 029_UA41946011_0059 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear armature            | Crossarm TM-3  | 0 | TM-3  | pcs | 40   |  |  |  |  |
| 2149 | 029_UA41946011_0060 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear armature            | Crossarm TM311   | 0 | TM311   | pcs | 40   |  |  |  |  |
| 2150 | 029_UA41946011_0061 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Disconnectors              | RLND 10/400 disconnector   | 0 | RLND 10/400   | pcs | 5    |  |  |  |  |
| 2151 | 029_UA41946011_0062 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Disconnectors              | Disconnector RLND2 10/630 U1   | 0 | RLND2 10/630 U1   | pcs | 5    |  |  |  |  |
| 2152 | 029_UA41946011_0063 | Equipment | Electrical        | Equipment of cable power lines of 10-0.4 kV  | cable couplings            | Gas torches for working on cable lines   | 0 | Gas torches for working on cable lines                    | pcs | 20   |  |  |  |  |
| 2153 | 029_UA41946011_0064 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Insulators                 | Glass insulators PS-120  | 0 | PS-120  | pcs | 100  |  |  |  |  |
| 2154 | 029_UA41946011_0065 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Insulators                 | Glass insulators PS-70   | 0 | PS-70   | pcs | 100  |  |  |  |  |
| 2155 | 029_UA41946011_0066 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Hydraulic presses          | Hydraulic press  | 0 | Hydraulic press for cable terminations from 10 to 240 mm. | pcs | 20   |  |  |  |  |
| 2156 | 029_UA41946011_0067 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0.4kV                 | Switches                   | Knife switch   | 0 | RPS-630   | pcs | 10   |  |  |  |  |
| 2157 | 029_UA41946011_0068 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0.4kV                 | Switches                   | Knife switch   | 0 | RPS-400   | pcs | 100  |  |  |  |  |
| 2158 | 029_UA41946011_0069 | Equipment | Electrical        |  | Supplies                   | LED floodlight   | 0 | LED floodlight, on a tripod                               | pcs | 20   |  |  |  |  |
| 2159 | 029_UA41946011_0070 | Equipment | Mechanical        | Devices and tools                            | Wiring tools               | Open end wrench kit 6 - 32 mm  | 0 | Open end wrench kit 6 - 32 mm                             | set | 20   |  |  |  |  |
| 2160 | 029_UA41946011_0071 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear armature            | PA-1 ram clamp   | 0 | PA-1  | pcs | 30   |  |  |  |  |
| 2161 | 029_UA41946011_0072 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings        | Piercing clamp   | 0 | Piercing clamp  | pcs | 100  |  |  |  |  |
| 2162 | 029_UA41946011_0073 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | supports                   | Field SK 120-15  | 0 | SK-120  | pcs | 20   |  |  |  |  |
| 2163 | 029_UA41946011_0074 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | supports                   | Field SK 120-6   | 0 | SK-120  | pcs | 20   |  |  |  |  |
| 2164 | 029_UA41946011_0075 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Insulators                 | Polymer insulators LKTs-120-110  | 0 | LKTs-120-110  | pcs | 100  |  |  |  |  |
| 2165 | 029_UA41946011_0076 | Equipment | Electrical        | Equipment for 110-35 kV overhead power lines | Insulators                 | Polymer insulators LKTs-70-110   | 0 | LKTs-70-110   | pcs | 100  |  |  |  |  |
| 2166 | 029_UA41946011_0077 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | supports                   | Reinforced concrete pole Z / B SK-10.5-10  | 0 | Z / B SK-10.5-10  | pcs | 25   |  |  |  |  |
| 2167 | 029_UA41946011_0078 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | supports                   | Reinforced concrete pole Z / B SV-10.5-5   | 0 | Z / B SV-10.5-5   | pcs | 25   |  |  |  |  |
| 2168 | 029_UA41946011_0079 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | supports                   | Reinforced concrete pole Z / B SV-9.5-3  | 0 | Z / B SV-9.5-3  | pcs | 50   |  |  |  |  |
| 2169 | 029_UA41946011_0080 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings        | Retaining hook for aerial bundled cables   | 0 | Retaining hook for aerial bundled cables                  | pcs | 150  |  |  |  |  |
| 2170 | 029_UA41946011_0081 | Equipment | Electrical        | Electric                                     | Means of telecommunication | Satphones  | 0 | 0   | pcs | 50   |  |  |  |  |
| 2171 | 029_UA41946011_0082 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings        | Steel binding strip for aerial bundled cables  | 0 | Steel binding strip for aerial bundled cables             | m   | 400  |  |  |  |  |
| 2172 | 029_UA41946011_0083 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings        | Steel brace  | 0 | Steel brace   | pcs | 400  |  |  |  |  |
| 2173 | 029_UA41946011_0084 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings        | Suspension clamp   | 0 | Suspension clamp  | pcs | 100  |  |  |  |  |
| 2174 | 029_UA41946011_0085 | Equipment | Electrical        | Computer networks                            |                            | FC-10-R0300-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service  | 0 | 0   | pcs | 180  |  |  |  |  |
| 2175 | 029_UA41946011_0086 | Equipment | Electrical        | Computer networks                            |                            | FC-10-F100F-159-02-12 (Software) Fortinet FG-100F 1 Year FortiGuard Industrial Security Service  | 0 | 0   | pcs | 16   |  |  |  |  |
| 2176 | 029_UA41946011_0087 | Equipment | Electrical        | Computer networks                            |                            | FC-10-F200F-159-02-12 (Software) Fortinet FG-200F 1Y FortiGuard Industrial Security Service  | 0 | 0   | pcs | 6    |  |  |  |  |
| 2177 | 029_UA41946011_0088 | Equipment | Electrical        | Computer networks                            |                            | FC-10-S424I-247-02-60 (Software) Fortinet 424E-FIBER 5 Year 24x7 FortiCare Contract  | 0 | 0   | pcs | 5    |  |  |  |  |
| 2178 | 029_UA41946011_0089 | Equipment | Electrical        | Computer networks                            |                            | FC-10-W0300-247-02-60 (Software) Fortinet FS-224E 5 Year 24x7 FortiCare Contract   | 0 | 0   | pcs | 4    |  |  |  |  |
| 2179 | 029_UA41946011_0090 | Equipment | Electrical        | Computer networks                            |                            | FC-10-W1024-247-02-60 (Software) FortiSwitch-1024D 5 Year 24x7 FortiCare Contract  | 0 | 0   | pcs | 1    |  |  |  |  |
| 2180 | 029_UA41946011_0091 | Equipment | Electrical        | Computer networks                            |                            | FGR-30D-BDL (Network firewall) Fortinet FGR-30D, 1Y 8x5 (24/7) FortiCare and FortiGuard UTM  | 0 | 0   | pcs | 193  |  |  |  |  |
| 2181 | 029_UA41946011_0092 | Equipment | Electrical        | Computer networks                            |                            | FG-100F-BDL-950-12 (Network firewall) Fortinet FG-100F Hardware plus 1Y 24x7 FortiCare and FortiGuard Unified (UTM)                            | 0 | 0   | pcs | 4    |  |  |  |  |
| 2182 | 029_UA41946011_0093 | Equipment | Electrical        | Computer networks                            |                            | FG-100F-BDL-950-36 (Network firewall) Fortinet FG-100F Hardware plus 3Y 24x7 FortiCare and FortiGuard Unified (UTM)                            | 0 | 0   | pcs | 4    |  |  |  |  |
| 2183 | 029_UA41946011_0094 | Equipment | Electrical        | Computer networks                            |                            | FG-200F-BDL-950-36 (Network firewall) Fortinet FG-200F Hardware plus 3 Year 24x7 FortiCare and FortiGuard Unified Threat Protection (UTP)      | 0 | 0   | pcs | 2    |  |  |  |  |
| 2184 | 029_UA41946011_0095 | Equipment | Electrical        | Computer networks                            |                            | FN-TRAN-SFP + LR (Module) Fortinet FN-TRAN-SFP + LR 10GE SFP + transceiver module, long range for all systems with SFP + and SFP / SFP + slots | 0 | 0   | pcs | 16   |  |  |  |  |



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|------|---------------------|-----------|-------------------|--|----------------------------------|--|---|----------------------|-----|-------|--|--|--|--|
| 2185 | 029_UA41946011_0096 | Equipment | Electrical        | Computer networks                            |                                  | FN-TRAN-SFP + SR (Module) Fortinet FN-TRAN-SFP + SR 10GE SFP + transceiver module, short range for all systems with SFP / SFP + slots  | 0 | 0                    | pcs | 20    |  |  |  |  |
| 2186 | 029_UA41946011_0097 | Equipment | Electrical        | Computer networks                            |                                  | FS-1024D (Switch) Fortinet FS-1024D 24 x SFP / SFP + slots GE / 10 GE capable with dual AC power supplies  | 0 | 0                    | pcs | 1     |  |  |  |  |
| 2187 | 029_UA41946011_0098 | Equipment | Electrical        | Computer networks                            |                                  | FS-224E (Switch) Fortinet FS-224E Layer 2/3 controller compatible switch with 24xGE RJ45, 4xGE SFP   | 0 | 0                    | pcs | 4     |  |  |  |  |
| 2188 | 029_UA41946011_0099 | Equipment | Electrical        | Computer networks                            |                                  | FS-424E-FIBER (Switch) Fortinet FS-424E-FIBER Layer 2/3 FortiGate switch controller compatible switch with 24 x GE SFP ports, 4 x 10 GE SFP +  | 0 | 0                    | pcs | 5     |  |  |  |  |
| 2189 | 029_UA41946011_0100 | Equipment | Electrical        | Computer networks                            |                                  | Guardian NSG-L 1000 (1000 nodes)   | 0 | 0                    | pcs | 2     |  |  |  |  |
| 2190 | 029_UA41946011_0101 | Equipment | Electrical        | Computer networks                            |                                  | NSG-H 2000 (3Gb / s)   | 0 | 0                    | pcs | 1     |  |  |  |  |
| 2191 | 029_UA41946011_0102 | Equipment | Electrical        | Computer networks                            |                                  | FC1-15-EMS01-297-02-24 FortiClient Zero Trust Fabric Agent 2 Year FortiClient Endpoint Agent license subscription for 25 centrally managed (on-prem) endpoints. Includes Zero Trust Fabric Telemetry, Remote Access (SSL and IPsec VPN), Vulnerability Scan, SSOMA, EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x7 support is also included. | 0 | Fortinet (licenses)  | pcs | 1     |  |  |  |  |
| 2192 | 030_UA23243188_0166 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Power transformers               | 110 kV voltage transformer   | 0 | 0                    | pcs | 6     |  |  |  |  |
| 2193 | 030_UA23243188_0167 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV                 | Prefabricated cells              | 10 kV packaged switchgear composed of: two sections with a section switch. On each section - eighteen cells (2,500 A transformer bushing, inlet line cells for 1000A)  | 0 | 0                    | set | 2     |  |  |  |  |
| 2194 | 030_UA23243188_0168 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV                 | Prefabricated cells              | 10 kV packaged switchgear composed of: two sections with a section switch. On each section - twelve cells (1000 A transformer bushing, inlet line cells for 630A)  | 0 | 0                    | set | 4     |  |  |  |  |
| 2195 | 030_UA23243188_0169 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Instrument transformers          | 110 kV 100/5 current transformer, with 5 secondary windings: 10P / 10P / 10P / 0.5 S   | 0 | 0                    | pcs | 6     |  |  |  |  |
| 2196 | 030_UA23243188_0170 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Instrument transformers          | 110 kV 600/5 current transformer, with 5 secondary windings: 10P / 10P / 10P / 10P / 0.5 S   | 0 | 0                    | pcs | 6     |  |  |  |  |
| 2197 | 030_UA23243188_0171 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Disconnectors                    | 110 kV, 1,000 A disconnector with two grounding blades   | 0 | 0                    | pcs | 12    |  |  |  |  |
| 2198 | 030_UA23243188_0172 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with 100/5 molded insulation, with 3 secondary windings: 10P / 10P / 0.5 C  | 0 | 0                    | pcs | 9     |  |  |  |  |
| 2199 | 030_UA23243188_0173 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kV current transformers with 200/5 molded insulation, with 3 secondary windings: 10P / 10P / 0.5 C  | 0 | 0                    | pcs | 9     |  |  |  |  |
| 2200 | 030_UA23243188_0174 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Prefabricated cells              | 35 kV packaged switchgear composed of: two sections with a section switch. On each section - three cells (cable gland, transformer bushing, ET) + a space for one reserve cell   | 0 | 0                    | pcs | 2     |  |  |  |  |
| 2201 | 030_UA23243188_0175 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Overvoltage limiters             | 35 kV Ur = 40.5kV surge arrester   | 0 | 0                    | pcs | 60    |  |  |  |  |
| 2202 | 030_UA23243188_0176 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Instrument transformers          | 35 kv voltage transformer with molded insulation   | 0 | 0                    | pcs | 9     |  |  |  |  |
| 2203 | 030_UA23243188_0177 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Switches                         | 35 kV, 1,000 A, 16kA vacuum circuit breaker with a spring drive, powered from 220V AC  | 0 | 0                    | pcs | 15    |  |  |  |  |
| 2204 | 030_UA23243188_0178 | Equipment | Electrical        | Equipment for 110/35/10 kV substations       | Switches                         | 35 kv, 1,000 A, disconnector with two grounding blades, maintenance free   | 0 | 0                    | pcs | 10    |  |  |  |  |
| 2205 | 030_UA23243188_0179 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | 400 kVA packaged transformer substation of urban type  | 0 | Voltage class 0.4-20 | pcs | 10    |  |  |  |  |
| 2206 | 030_UA23243188_0180 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV                 | Packaged transformer substations | 630 kVA packaged transformer substation of urban type  | 0 | Voltage class 0.4-20 | pcs | 15    |  |  |  |  |
| 2207 | 030_UA23243188_0181 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | 0                                | AAxSn 1x50 wire  | 0 | Voltage class 0.4-20 | km  | 200   |  |  |  |  |
| 2208 | 030_UA23243188_0182 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | 0                                | AAxSn insulated wire 1x95  | 0 | Voltage class 0.4-20 | km  | 200   |  |  |  |  |
| 2209 | 030_UA23243188_0183 | Equipment | Electrical        |  | 0                                | Aluminum shell 120   | 0 | Voltage class 0.4-20 | pcs | 200   |  |  |  |  |
| 2210 | 030_UA23243188_0184 | Equipment | Electrical        |  | 0                                | Aluminum shell 150   | 0 | Voltage class 0.4-20 | pcs | 200   |  |  |  |  |
| 2211 | 030_UA23243188_0185 | Equipment | Electrical        |  | 0                                | Aluminum shell 240   | 0 | Voltage class 0.4-20 | pcs | 200   |  |  |  |  |
| 2212 | 030_UA23243188_0186 | Equipment | Electrical        |  | 0                                | Aluminum shell 95  | 0 | Voltage class 0.4-20 | pcs | 100   |  |  |  |  |
| 2213 | 030_UA23243188_0187 | Equipment | Electrical        |  | 0                                | Aluminum tag 120   | 0 | Voltage class 0.4-20 | pcs | 400   |  |  |  |  |
| 2214 | 030_UA23243188_0188 | Equipment | Electrical        |  | 0                                | Aluminum tag 25  | 0 | Voltage class 0.4-20 | pcs | 400   |  |  |  |  |
| 2215 | 030_UA23243188_0189 | Equipment | Electrical        |  | 0                                | Aluminum tag 35  | 0 | Voltage class 0.4-20 | pcs | 700   |  |  |  |  |
| 2216 | 030_UA23243188_0190 | Equipment | Electrical        |  | 0                                | Aluminum tag 50  | 0 | Voltage class 0.4-20 | pcs | 700   |  |  |  |  |
| 2217 | 030_UA23243188_0191 | Equipment | Electrical        |  | 0                                | Aluminum tag 70  | 0 | Voltage class 0.4-20 | pcs | 400   |  |  |  |  |
| 2218 | 030_UA23243188_0192 | Equipment | Electrical        |  | 0                                | Aluminum tag 95  | 0 | Voltage class 0.4-20 | pcs | 400   |  |  |  |  |
| 2219 | 030_UA23243188_0193 | Equipment | Electrical        |  | 0                                | ASXSN insulated wire 4x95  | 0 | Voltage class 0.4-20 | km  | 15    |  |  |  |  |
| 2220 | 030_UA23243188_0194 | Equipment | electric networks |  | 0                                | Binding band INOX  | 0 | Voltage class 0.4-20 | m   | 10000 |  |  |  |  |
| 2221 | 030_UA23243188_0195 | Equipment | electric networks |  | 0                                | Brace fastening 0.4 kV U1, set   | 0 | Voltage class 0.4-20 | pcs | 300   |  |  |  |  |
| 2222 | 030_UA23243188_0196 | Equipment | electric networks |  | 0                                | Brace fastening 10kV U2, set   | 0 | Voltage class 0.4-20 | pcs | 200   |  |  |  |  |
| 2223 | 030_UA23243188_0197 | Equipment | electric networks |  | 0                                | Brace SKU-20   | 0 | Voltage class 0.4-20 | pcs | 10000 |  |  |  |  |
| 2224 | 030_UA23243188_0198 | Equipment | electric grids    |  | 0                                | Cabinet for pole mounted transformer substation - 160/10 / 0.4   | 0 | Voltage class 0.4-20 | pcs | 50    |  |  |  |  |
| 2225 | 030_UA23243188_0199 | Equipment | electric grids    |  | 0                                | Cable cutters  | 0 |                      | pcs | 10    |  |  |  |  |
| 2226 | 030_UA23243188_0200 | Equipment | electric networks |  | 0                                | Cable joint JUPTH 12 70-240 SM   | 0 | Voltage class 0.4-20 | pcs | 200   |  |  |  |  |

|      |                     |           |                   |                              |   |   |   |                      |        |    |  |  |  |
|------|---------------------|-----------|-------------------|------------------------------|---|---|---|----------------------|--------|----|--|--|--|
| 2227 | 030_UA23243188_0201 | Equipment | electric networks | 0                            | Cable joint KVTP 10 150/240 (set)                                 | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2228 | 030_UA23243188_0202 | Equipment | electric networks | 0                            | Cable joint STP 10 150/240 (set)                                  | 0   | Voltage class 0.4-20                                      | pcs                  | 200    |    |  |  |  |
| 2229 | 030_UA23243188_0203 | Equipment | electric networks | 0                            | Cable joint STP 10 70/120 (set)                                   | 0   | Voltage class 0.4-20                                      | pcs                  | 200    |    |  |  |  |
| 2230 | 030_UA23243188_0204 | Equipment | electric networks | 0                            | CIRCUIT BREAKER AUT. WITH MOLDED CASE (ELECTRIC SOCKET) 3P / 100A | 0   | Voltage class 0.4-20                                      | pcs                  | 20     |    |  |  |  |
| 2231 | 030_UA23243188_0205 | Equipment | electric networks | 0                            | CIRCUIT BREAKER AUT. WITH MOLDED CASE (ELECTRIC SOCKET) 3P / 160A | 0   | Voltage class 0.4-20                                      | pcs                  | 200    |    |  |  |  |
| 2232 | 030_UA23243188_0206 | Equipment | electric networks | 0                            | CIRCUIT BREAKER AUT. WITH MOLDED CASE (ELECTRIC SOCKET) 3P / 250A | 0   | Voltage class 0.4-20                                      | pcs                  | 200    |    |  |  |  |
| 2233 | 030_UA23243188_0207 | Equipment | electric networks | 0                            | Circuit breaker BA-78, 1000A, 415 / 690B, 70kA                    | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2234 | 030_UA23243188_0208 | Equipment | electric networks | 0                            | Circuit breaker NM1-250S-3300 200A                                | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2235 | 030_UA23243188_0209 | Equipment | electric grids    | 0                            | Clamping unit SAS-240   | 0   | Coupler   | pcs                  | 60     |    |  |  |  |
| 2236 | 030_UA23243188_0210 | Equipment | electric grids    | 0                            | Clamping unit SAS-400   | 0   | Coupler   | pcs                  | 20     |    |  |  |  |
| 2237 | 030_UA23243188_0211 | Equipment | electric grids    | 0                            | Clamping unit SOAS-120  | 0   | Coupler   | pcs                  | 40     |    |  |  |  |
| 2238 | 030_UA23243188_0212 | Equipment | electric grids    | 0                            | Clamping unit SOAS-150  | 0   | Coupler   | pcs                  | 30     |    |  |  |  |
| 2239 | 030_UA23243188_0213 | Equipment | electric grids    | 0                            | Clamping unit SOAS-185  | 0   | Coupler   | pcs                  | 30     |    |  |  |  |
| 2240 | 030_UA23243188_0214 | Equipment | electric grids    | 0                            | Clamping unit SOAS-50   | 0   | Coupler   | pcs                  | 20     |    |  |  |  |
| 2241 | 030_UA23243188_0215 | Equipment | electric grids    | 0                            | Clamping unit SOAS-70   | 0   | Coupler   | pcs                  | 40     |    |  |  |  |
| 2242 | 030_UA23243188_0216 | Equipment | electric grids    | 0                            | Clamping unit SOAS-95   | 0   | Coupler   | pcs                  | 40     |    |  |  |  |
| 2243 | 030_UA23243188_0217 | Equipment | electric grids    | 0                            | Clip for fixing cross bar 10kV X 1 in a set                       | 0   | Voltage class 0.4-20                                      | pcs                  | 500    |    |  |  |  |
| 2244 | 030_UA23243188_0218 | Equipment | electric grids    | 0                            | Clip for fixing cross bar X 11                                    | 0   | Voltage class 0.4-20                                      | pcs                  | 600    |    |  |  |  |
| 2245 | 030_UA23243188_0219 | Equipment | electric networks | 0                            | Concrete pole for 0.4 kV overhead lines SV 9.5-2.0                | 0   | Voltage class 0.4-20                                      | pcs                  | 1000   |    |  |  |  |
| 2246 | 030_UA23243188_0220 | Equipment | electric networks | 0                            | Concrete pole for 10 kV overhead lines SK-120-6                   | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2247 | 030_UA23243188_0221 | Equipment | electric networks | 0                            | Concrete pole for 10 kV overhead lines SV 10.5-5.0                | 0   | Voltage class 0.4-20                                      | pcs                  | 500    |    |  |  |  |
| 2248 | 030_UA23243188_0222 | Equipment | electric networks | 0                            | Copper tag 240  | 0   | Voltage class 0.4-20                                      | pcs                  | 300    |    |  |  |  |
| 2249 | 030_UA23243188_0223 | Equipment | electric grids    | 0                            | Cross bar 0.4kV TN-1/3-pins /                                     | 0   | Voltage class 0.4-20                                      | pcs                  | 300    |    |  |  |  |
| 2250 | 030_UA23243188_0224 | Equipment | electric grids    | 0                            | Cross bar 0.4kV TN-2/2-pins /                                     | 0   | Voltage class 0.4-20                                      | pcs                  | 300    |    |  |  |  |
| 2251 | 030_UA23243188_0225 | Equipment | electric grids    | 0                            | Cross bar 10kV TM-1/3-pins /                                      | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2252 | 030_UA23243188_0226 | Equipment | electric grids    | 0                            | Cross bar 10kV TM-3/6-pins /                                      | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2253 | 030_UA23243188_0227 | Equipment | electric grids    | 0                            | Cross bar 10kV TS 1 (raised)                                      | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2254 | 030_UA23243188_0228 | Equipment | electric grids    | 0                            | Cross bar TMz 12  | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2255 | 030_UA23243188_0229 | Equipment | electric grids    | 0                            | Cross bar TMz 15  | 0   | Voltage class 0.4-20                                      | pcs                  | 100    |    |  |  |  |
| 2256 | 030_UA23243188_0230 | Equipment | electric networks | 0                            | Diesel fuel   | 0   | Voltage class 0.4-20                                      | L                    | 130000 |    |  |  |  |
| 2257 | 030_UA23243188_0231 | Equipment | electric networks | 0                            | RLND 10/400 disconnector  | 0   | Voltage class 0.4-20                                      | pcs                  | 20     |    |  |  |  |
| 2258 | 030_UA23243188_0232 | Equipment | electric networks | 0                            | RLND 10/630 disconnector  | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2259 | 030_UA23243188_0233 | Equipment | electric networks | 0                            | Disconnector RLND2 10/400   | 0   | Voltage class 0.4-20                                      | pcs                  | 40     |    |  |  |  |
| 2260 | 030_UA23243188_0234 | Equipment | electric networks | 0                            | Disconnector RLND2 10/630   | 0   | Voltage class 0.4-20                                      | pcs                  | 10     |    |  |  |  |
| 2261 | 030_UA23243188_0235 | Equipment | electric grids    | 0                            | Drive AS-120  | 0   | 0   | t                    | 0,35   |    |  |  |  |
| 2262 | 030_UA23243188_0236 | Equipment | electric grids    | 0                            | Drive AS-150  | 0   | 0   | t                    | 0,2    |    |  |  |  |
| 2263 | 030_UA23243188_0237 | Equipment | electric grids    | 0                            | Drive AS-185  | 0   | 0   | t                    | 0,25   |    |  |  |  |
| 2264 | 030_UA23243188_0238 | Equipment | electric grids    | 0                            | Drive AS-240  | 0   | 0   | t                    | 0,3    |    |  |  |  |
| 2265 | 030_UA23243188_0239 | Equipment | electric grids    | 0                            | Drive AS-400  | 0   | 0   | t                    | 0,4    |    |  |  |  |
| 2266 | 030_UA23243188_0240 | Equipment | electric grids    | 0                            | Drive AS-50   | 0   | 0   | t                    | 0,1    |    |  |  |  |
| 2267 | 030_UA23243188_0241 | Equipment | electric grids    | 0                            | Drive AS-70   | 0   | 0   | t                    | 0,15   |    |  |  |  |
| 2268 | 030_UA23243188_0242 | Equipment | electric grids    | 0                            | Drive AS-95   | 0   | 0   | t                    | 0,27   |    |  |  |  |
| 2269 | 030_UA23243188_0243 | Equipment | electric grids    | 0                            | Earthing rod  | 0   | Voltage class 0.4-20                                      | pcs                  | 2000   |    |  |  |  |
| 2270 | 030_UA23243188_0244 | Equipment | electric networks | 0                            | Excess voltage suppressor ETITES A 280/10                         | 0   | Voltage class 0.4-20                                      | pcs                  | 600    |    |  |  |  |
| 2271 | 030_UA23243188_0245 | Equipment | electric networks | 0                            | Fastening of disconnector RA1                                     | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2272 | 030_UA23243188_0246 | Equipment | electric networks | 0                            | Fastening of the disconnector drive RA2 Z                         | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2273 | 030_UA23243188_0247 | Equipment | electric networks | 0                            | Fuse PN 2 400 A   | 0   | Voltage class 0.4-20                                      | pcs                  | 90     |    |  |  |  |
| 2274 | 030_UA23243188_0248 | Equipment | electric networks | 0                            | Fuse PN 2 630 A   | 0   | Voltage class 0.4-20                                      | pcs                  | 60     |    |  |  |  |
| 2275 | 030_UA23243188_0249 | Equipment | electric networks | 0                            | Fuse PN-2 250 A   | 0   | Voltage class 0.4-20                                      | pcs                  | 90     |    |  |  |  |
| 2276 | 030_UA23243188_0250 | Equipment | electric networks | 0                            | Fuse PT 111 10 10 U 1   | 0   | Voltage class 0.4-20                                      | pcs                  | 30     |    |  |  |  |
| 2277 | 030_UA23243188_0251 | Equipment | electric networks | 0                            | Fuse PT 111 10 16 U 1   | 0   | Voltage class 0.4-20                                      | pcs                  | 30     |    |  |  |  |
| 2278 | 030_UA23243188_0252 | Equipment | electric networks | 0                            | Fuse PT 111 10 20 U 1   | 0   | Voltage class 0.4-20                                      | pcs                  | 90     |    |  |  |  |
| 2279 | 030_UA23243188_0253 | Equipment | electric networks | 0                            | Fuse PT 111 10 31.5 U 1   | 0   | Voltage class 0.4-20                                      | pcs                  | 90     |    |  |  |  |
| 2280 | 030_UA23243188_0254 | Equipment | electric grids    | 0                            | Gas torches for working on cable lines                            | 0   | Gas torches for working on cable lines                    | pcs                  | 10     |    |  |  |  |
| 2281 | 030_UA23243188_0255 | Equipment | electric grids    | 0                            | Glass insulators PS-120   | 0   | 0   | pcs                  | 250    |    |  |  |  |
| 2282 | 030_UA23243188_0256 | Equipment | electric grids    | 0                            | Glass insulators PS-70  | 0   | 0   | pcs                  | 700    |    |  |  |  |
| 2283 | 030_UA23243188_0257 | Equipment | electric networks | 0                            | Grove clamp PA 1 1  | 0   | Voltage class 0.4-20                                      | pcs                  | 1500   |    |  |  |  |
| 2284 | 030_UA23243188_0258 | Equipment | electric networks | 0                            | Grove clamp PA 2 2  | 0   | Voltage class 0.4-20                                      | pcs                  | 500    |    |  |  |  |
| 2285 | 030_UA23243188_0259 | Equipment | electric networks | 0                            | Grove clamp PC 1 1  | 0   | Voltage class 0.4-20                                      | pcs                  | 1500   |    |  |  |  |
| 2286 | 030_UA23243188_0260 | Equipment | electric networks | 0                            | Grove clamp PC 2 1  | 0   | Voltage class 0.4-20                                      | pcs                  | 1500   |    |  |  |  |
| 2287 | 030_UA23243188_0261 | Equipment | electric networks | 0                            | Hook for belt KB 16   | 0   | Voltage class 0.4-20                                      | pcs                  | 6000   |    |  |  |  |
| 2288 | 030_UA23243188_0262 | Equipment | electric grids    | 0                            | Hydraulic press   | 0   | Hydraulic press for cable terminations from 10 to 240 mm. | pcs                  | 10     |    |  |  |  |
| 2289 | 030_UA23243188_0263 | Equipment | electric networks | 0                            | Insulated wire AAsXsn 1x70  | 0   | Voltage class 0.4-20                                      | km                   | 200    |    |  |  |  |
| 2290 | 030_UA23243188_0264 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 2 * 16                                     | 0   | Voltage class 0.4-20                                      | km                   | 5      |    |  |  |  |
| 2291 | 030_UA23243188_0265 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 2x25                                       | 0   | Voltage class 0.4-20                                      | km                   | 5      |    |  |  |  |
| 2292 | 030_UA23243188_0266 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 4x16                                       | 0   | Voltage class 0.4-20                                      | km                   | 10     |    |  |  |  |
| 2293 | 030_UA23243188_0267 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 4x25                                       | 0   | Voltage class 0.4-20                                      | km                   | 5      |    |  |  |  |
| 2294 | 030_UA23243188_0268 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 4x50                                       | 0   | Voltage class 0.4-20                                      | km                   | 90     |    |  |  |  |
| 2295 | 030_UA23243188_0269 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 4x70                                       | 0   | Voltage class 0.4-20                                      | km                   | 160    |    |  |  |  |
| 2296 | 030_UA23243188_0270 | Equipment | electric networks | 0                            | Insulated wire SiPng-5 4x95                                       | 0   | Voltage class 0.4-20                                      | km                   | 160    |    |  |  |  |
| 2297 | 030_UA23243188_0271 | Equipment | electric networks | 0                            | Insulator IPT 1/630 A 01  | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2298 | 030_UA23243188_0272 | Equipment | electric networks | 0                            | Insulator IPTV 1/400 A 01   | 0   | Voltage class 0.4-20                                      | pcs                  | 50     |    |  |  |  |
| 2299 | 030_UA23243188_0273 | Equipment | electric networks | 0                            | Joint for side fastening PLVT2                                    | 0   | Voltage class 0.4-20                                      | pcs                  | 3000   |    |  |  |  |
| 2300 | 030_UA23243188_0274 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV | Switches  | Knife switch PR S 250 A                   | 0   | Voltage class 0.4-20 | pcs    | 20 |  |  |  |
| 2301 | 030_UA23243188_0275 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV | Switches  | Knife switch for main power point RB 250A | 0   | Voltage class 0.4-20 | pcs    | 50 |  |  |  |
| 2302 | 030_UA23243188_0276 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV | Switches  | Knife switch PRS 400 A                    | 0   | Voltage class 0.4-20 | pcs    | 20 |  |  |  |
| 2303 | 030_UA23243188_0277 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV | Switches  | Knife switch PRS 630 A                    | 0   | Voltage class 0.4-20 | pcs    | 10 |  |  |  |

|      |                     |           |                   |  |                     |   |   |                               |     |      |  |  |  |  |
|------|---------------------|-----------|-------------------|--|---------------------|---|---|-------------------------------|-----|------|--|--|--|--|
| 2304 | 030_UA23243188_0278 | Equipment | Electrical        | Equipment TP-RP 10/6 / 0,4kV                 | Switches            | Knife switch VR-32 400 A  | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2305 | 030_UA23243188_0279 | Equipment | Electrical        | Supplies                                     | Supplies            | LED floodlight  | 0 | LED floodlight, on a tripod   | pcs | 20   |  |  |  |  |
| 2306 | 030_UA23243188_0280 | Equipment | electric networks |  | 0                   | Load break device VNA-10 / 630-20-U3  | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2307 | 030_UA23243188_0281 | Equipment | Mechanical        | Devices and tools                            | Wiring tools        | Open end wrench kit 6 - 32 mm   | 0 | Open end wrench kit 6 - 32 mm | set | 100  |  |  |  |  |
| 2308 | 030_UA23243188_0282 | Equipment | electric grids    |  | 0                   | PA-1 ram clamp  | 0 | Coupler                       | pcs | 50   |  |  |  |  |
| 2309 | 030_UA23243188_0283 | Equipment | electric grids    |  | 0                   | PA-2 ram clamp  | 0 | Coupler                       | pcs | 100  |  |  |  |  |
| 2310 | 030_UA23243188_0284 | Equipment | electric grids    |  | 0                   | PA-3 ram clamp  | 0 | Coupler                       | pcs | 100  |  |  |  |  |
| 2311 | 030_UA23243188_0285 | Equipment | electric grids    |  | 0                   | PA-4 ram clamp  | 0 | Coupler                       | pcs | 50   |  |  |  |  |
| 2312 | 030_UA23243188_0286 | Equipment | electric grids    |  | 0                   | Paint PF 115 black  | 0 | Voltage class 0.4-20          | kg  | 100  |  |  |  |  |
| 2313 | 030_UA23243188_0287 | Equipment | electric grids    |  | 0                   | Paint PF 115 green  | 0 | Voltage class 0.4-20          | kg  | 25   |  |  |  |  |
| 2314 | 030_UA23243188_0288 | Equipment | electric grids    |  | 0                   | Paint PF 115 gray   | 0 | Voltage class 0.4-20          | kg  | 50   |  |  |  |  |
| 2315 | 030_UA23243188_0289 | Equipment | electric grids    |  | 0                   | Paint PF 115 red  | 0 | Voltage class 0.4-20          | kg  | 25   |  |  |  |  |
| 2316 | 030_UA23243188_0290 | Equipment | electric grids    |  | 0                   | Paint PF 115 yellow   | 0 | Voltage class 0.4-20          | kg  | 25   |  |  |  |  |
| 2317 | 030_UA23243188_0291 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Piercing clamp TTD 301  | 0 | Voltage class 0.4-20          | pcs | 300  |  |  |  |  |
| 2318 | 030_UA23243188_0292 | Equipment | electric grids    |  | 0                   | pole mounted transformer substation 250/10 / 0.4 (a set) with supports  | 0 | Voltage class 0.4-20          | set | 100  |  |  |  |  |
| 2319 | 030_UA23243188_0293 | Equipment | electric networks |  | 0                   | Polyethylene insulated power cable 1x300  | 0 | Voltage class 0.4-20          | km  | 135  |  |  |  |  |
| 2320 | 030_UA23243188_0294 | Equipment | electric networks |  | 0                   | Polyethylene insulated power cable 1x500  | 0 | Voltage class 0.4-20          | km  | 75   |  |  |  |  |
| 2321 | 030_UA23243188_0295 | Equipment | electric networks |  | 0                   | Power cable ASB 10 3/185  | 0 | Voltage class 0.4-20          | km  | 20   |  |  |  |  |
| 2322 | 030_UA23243188_0296 | Equipment | electric networks |  | 0                   | Power cable ASB 10 3X120  | 0 | Voltage class 0.4-20          | km  | 20   |  |  |  |  |
| 2323 | 030_UA23243188_0297 | Equipment | electric networks |  | 0                   | Power cable ASB 10 3x240  | 0 | Voltage class 0.4-20          | km  | 30   |  |  |  |  |
| 2324 | 030_UA23243188_0298 | Equipment | electric networks |  | 0                   | Power cable AVVG 4X120  | 0 | Voltage class 0.4-20          | km  | 0.4  |  |  |  |  |
| 2325 | 030_UA23243188_0299 | Equipment | electric networks |  | 0                   | Power cable AVVG 4x50   | 0 | Voltage class 0.4-20          | km  | 0.4  |  |  |  |  |
| 2326 | 030_UA23243188_0300 | Equipment | electric networks |  | 0                   | Power cable AVVG 4x70   | 0 | Voltage class 0.4-20          | m   | 1    |  |  |  |  |
| 2327 | 030_UA23243188_0301 | Equipment | electric grids    |  | 0                   | Power double-wound transformer, equivalent to TDN-18000 35/10 kV  | 0 | 0                             | pcs | 4    |  |  |  |  |
| 2328 | 030_UA23243188_0302 | Equipment | electric grids    |  | 0                   | Power double-wound transformer, equivalent to TDN-4000 35/6 kV  | 0 | 0                             | pcs | 2    |  |  |  |  |
| 2329 | 030_UA23243188_0303 | Equipment | electric grids    |  | 0                   | Power double-wound transformer, equivalent to TDN-6300 35/10 kV   | 0 | 0                             | pcs | 4    |  |  |  |  |
| 2330 | 030_UA23243188_0304 | Equipment | electric grids    |  | 0                   | Power transformer TDN-6300 110/6  | 0 | 0                             | pcs | 2    |  |  |  |  |
| 2331 | 030_UA23243188_0305 | Equipment | electric grids    |  | 0                   | Power transformer TDTN-40000 110/10/10  | 0 | 0                             | pcs | 4    |  |  |  |  |
| 2332 | 030_UA23243188_0306 | Equipment | electric grids    |  | 0                   | Power transformer TDTN-63000 110/35/10  | 0 | 0                             | pcs | 2    |  |  |  |  |
| 2333 | 030_UA23243188_0307 | Equipment | electric grids    |  | 0                   | Power transformer TMG 160-10 / 0.4 / OZ   | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2334 | 030_UA23243188_0308 | Equipment | electric grids    |  | 0                   | Power transformer TMG 250-10 / 0.4 / OZ   | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2335 | 030_UA23243188_0309 | Equipment | electric grids    |  | 0                   | Power transformer TMG 400-10 / 0.4 / OZ   | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2336 | 030_UA23243188_0310 | Equipment | electric grids    |  | 0                   | Power transformer TMG 630/10 / 0.4 / OZ /   | 0 | Voltage class 0.4-20          | pcs | 40   |  |  |  |  |
| 2337 | 030_UA23243188_0311 | Equipment | electric grids    |  | 0                   | Power transformer TRDN-25000 110/10/10  | 0 | 0                             | pcs | 2    |  |  |  |  |
| 2338 | 030_UA23243188_0312 | Equipment | electric networks |  | 0                   | PS 70 E Suspension insulator for overhead lines   | 0 | Voltage class 0.4-20          | pcs | 100  |  |  |  |  |
| 2339 | 030_UA23243188_0313 | Equipment | electric grids    |  | 0                   | Remote locking device   | 0 | Voltage class 0.4-20          | pcs | 5000 |  |  |  |  |
| 2340 | 030_UA23243188_0314 | Equipment | electric grids    |  | 0                   | Satphones   | 0 | 0                             | pcs | 50   |  |  |  |  |
| 2341 | 030_UA23243188_0315 | Equipment | electric networks |  | 0                   | Set of sleeves E3UTH 12 120-240   | 0 | Voltage class 0.4-20          | pcs | 100  |  |  |  |  |
| 2342 | 030_UA23243188_0316 | Equipment | electric grids    |  | 0                   | SF 6 circuit-breaker 110kV, 1,000A, 40kA  | 0 | 0                             | pcs | 12   |  |  |  |  |
| 2343 | 030_UA23243188_0317 | Equipment | electric networks |  | 0                   | ShF 20G Pin type insulator with cap for overhead lines  | 0 | Voltage class 0.4-20          | pcs | 500  |  |  |  |  |
| 2344 | 030_UA23243188_0318 | Equipment | electric networks |  | 0                   | Steel circle 16 mm  | 0 | Voltage class 0.4-20          | t   | 5    |  |  |  |  |
| 2345 | 030_UA23243188_0319 | Equipment | electric networks |  | 0                   | Steel pipe 25x2.8   | 0 | Voltage class 0.4-20          | t   | 1.4  |  |  |  |  |
| 2346 | 030_UA23243188_0320 | Equipment | electric networks |  | 0                   | Supporting insulator IOR 10-7.5   | 0 | Voltage class 0.4-20          | pcs | 100  |  |  |  |  |
| 2347 | 030_UA23243188_0321 | Equipment | electric networks |  | 0                   | Suspension clamp ZP 3.1   | 0 | Voltage class 0.4-20          | pcs | 5000 |  |  |  |  |
| 2348 | 030_UA23243188_0322 | Equipment | electric networks |  | 0                   | T-connector ZV 1.1.1  | 0 | Voltage class 0.4-20          | pcs | 3000 |  |  |  |  |
| 2349 | 030_UA23243188_0323 | Equipment | electric networks |  | 0                   | T-connector ZV 1.1.4  | 0 | Voltage class 0.4-20          | pcs | 1000 |  |  |  |  |
| 2350 | 030_UA23243188_0324 | Equipment | electric networks |  | 0                   | T-connector ZV 1.2.2  | 0 | Voltage class 0.4-20          | pcs | 6000 |  |  |  |  |
| 2351 | 030_UA23243188_0325 | Equipment | electric networks |  | 0                   | T-connector ZV 1.2.3  | 0 | Voltage class 0.4-20          | pcs | 3000 |  |  |  |  |
| 2352 | 030_UA23243188_0326 | Equipment | electric networks |  | 0                   | Temporary earth kit (TTD 2-CC)  | 0 | Voltage class 0.4-20          | pcs | 600  |  |  |  |  |
| 2353 | 030_UA23243188_0327 | Equipment | electric networks |  | 0                   | Tension clamp RA 2870   | 0 | Voltage class 0.4-20          | pcs | 1000 |  |  |  |  |
| 2354 | 030_UA23243188_0328 | Equipment | electric networks |  | 0                   | Tension clamp ZN 1.1  | 0 | Voltage class 0.4-20          | pcs | 1500 |  |  |  |  |
| 2355 | 030_UA23243188_0329 | Equipment | electric networks |  | 0                   | Tension clamp ZN 2.1  | 0 | Voltage class 0.4-20          | pcs | 3000 |  |  |  |  |
| 2356 | 030_UA23243188_0330 | Equipment | electric networks |  | 0                   | Tension clamp ZN 2.3  | 0 | Voltage class 0.4-20          | pcs | 3000 |  |  |  |  |
| 2357 | 030_UA23243188_0331 | Equipment | electric networks |  | 0                   | Tension clamp ZN 2.4  | 0 | Voltage class 0.4-20          | pcs | 3000 |  |  |  |  |
| 2358 | 030_UA23243188_0332 | Equipment | electric networks |  | 0                   | Tension insulator PSA 15 CE   | 0 | Voltage class 0.4-20          | pcs | 1000 |  |  |  |  |
| 2359 | 030_UA23243188_0333 | Equipment | electric networks |  | 0                   | Transformer oil T 1500  | 0 | Voltage class 0.4-20          | t   | 10   |  |  |  |  |
| 2360 | 030_UA23243188_0334 | Equipment | electric networks |  | 0                   | voltage suppressor OPN 10   | 0 | Voltage class 0.4-20          | pcs | 180  |  |  |  |  |
| 2361 | 030_UA23243188_0335 | Equipment | electric networks |  | 0                   | Wire for RUND disconnectors   | 0 | Voltage class 0.4-20          | pcs | 50   |  |  |  |  |
| 2362 | 030_UA23243188_0336 | Equipment | electric grids    |  | 0                   | Corrugated tube 19/25   | 0 | Voltage class 0.4-20          | m   | 3000 |  |  |  |  |
| 2363 | 030_UA23243188_0337 | Equipment | electric grids    |  | 0                   | Corrugated tube 25/32   | 0 | Voltage class 0.4-20          | m   | 6000 |  |  |  |  |
| 2364 | 030_UA23243188_0338 | Equipment | Electrical        | Computer networks                            |                     | FC-10-F100F-159-02-11 (Software) FortiGate-100F 1 Year FortiGuard Industrial Security Service                       | 0 | 0                             | pcs | 54   |  |  |  |  |
| 2365 | 030_UA23243188_0339 | Equipment | Electrical        | Computer networks                            |                     | FC-10-R030D-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service                         | 0 | 0                             | pcs | 259  |  |  |  |  |
| 2366 | 030_UA23243188_0340 | Equipment | Electrical        | Computer networks                            |                     | FC-10-W0300-247-02-60 (Software) Fortinet 224E 5 Year 24x7 FortiCare Contract                                       | 0 | 0                             | pcs | 27   |  |  |  |  |
| 2367 | 030_UA23243188_0341 | Equipment | Electrical        | Computer networks                            |                     | FG-100F-BDL-950-12 (Network firewall) Fortinet FG-100F Hardware plus 1Y 24x7 FortiCare and FortiGuard UTM           | 0 | 0                             | pcs | 54   |  |  |  |  |
| 2368 | 030_UA23243188_0342 | Equipment | Electrical        | Computer networks                            |                     | FGR-30D-BDL-950-11 (Network firewall) Fortinet FGR-30D Hardware plus 1Y 24x7 FortiCare and FortiGuard Unified (UTM) | 0 | 0                             | pcs | 259  |  |  |  |  |
| 2369 | 030_UA23243188_0343 | Equipment | Electrical        | Computer networks                            |                     | FMG-VM-100-UG (Software) Fortinet Upgrade license 100 devices for total 5 GB / Day and 1 TB storage                 | 0 | 0                             | pcs | 1    |  |  |  |  |

|      |                     |           |                   |                   |              |   |   |   |     |      |  |  |  |  |  |
|------|---------------------|-----------|-------------------|-------------------|--------------|---|---|---|-----|------|--|--|--|--|--|
| 2370 | 030_UA23243188_0344 | Equipment | Electrical        | Computer networks |              | FS-224E (Switch) Fortinet FS-224E Layer 2/3 controller compatible switch with 24xGE RJ45, 4xGE SFP  | 0 | 0   | pcs | 27   |  |  |  |  |  |
| 2371 | 030_UA23243188_0345 | Equipment | Electrical        | Computer networks |              | Guardian NSG-L-250 (5000 nodes)   | 0 | 0   | pcs | 1    |  |  |  |  |  |
| 2372 | 030_UA23243188_0346 | Equipment | Electrical        | Computer networks |              | 4x1000Base-T slot   | 0 | 0   | pcs | 1    |  |  |  |  |  |
| 2373 | 006_UA00131713_0067 | Equipment | electric networks |                   | 0            | 10 kV coupling cable joint FIELD 24 / 1X120-240   | 0 | Cable joints  | pcs | 30   |  |  |  |  |  |
| 2374 | 006_UA00131713_0068 | Equipment | electric networks |                   | 0            | 10 kV coupling cable joint FIELD 24 / 1X240-400   | 0 | Cable joints  | pcs | 20   |  |  |  |  |  |
| 2375 | 006_UA00131713_0069 | Equipment | electric networks |                   | 0            | 10 kV coupling cable joint FIELD 24/1X630   | 0 | Cable joints  | pcs | 12   |  |  |  |  |  |
| 2376 | 006_UA00131713_0070 | Equipment | electric networks |                   | 0            | 10 kV packaged switchgear composed of: two sections with a section switch. Each section has ten bays (transformer bushing, voltage transformer, auxiliary transformer, 2 bays for 1000 A outgoing lines, 5 bays for 630 A outgoing lines) + space for one spare bay | 0 | 6-10 kV switchgear Equipment                              | set | 4    |  |  |  |  |  |
| 2377 | 006_UA00131713_0071 | Equipment | electric networks |                   | 0            | 10 kV reducing cable joint TRAJ 24 120-240 3HL  | 0 | Cable joints  | pcs | 16   |  |  |  |  |  |
| 2378 | 006_UA00131713_0072 | Equipment | electric networks |                   | 0            | 110 kV 600/5 current transformer, with 5 secondary windings: 10P / 10P / 10P / 10P / 0,5 S  | 0 | 110 kV switchgear Equipment                               | pcs | 18   |  |  |  |  |  |
| 2379 | 006_UA00131713_0073 | Equipment | electric networks |                   | 0            | 110 kV voltage transformer  | 0 | 110 kV switchgear Equipment                               | pcs | 6    |  |  |  |  |  |
| 2380 | 006_UA00131713_0074 | Equipment | electric networks |                   | 0            | 110 kV, 1,000 A disconnector with two grounding blades  | 0 | 110 kV switchgear Equipment                               | pcs | 12   |  |  |  |  |  |
| 2381 | 006_UA00131713_0075 | Equipment | electric networks |                   | 0            | 35 kV cable termination POLT-42F / 1X1-L16  | 0 | Cable joints  | pcs | 4    |  |  |  |  |  |
| 2382 | 006_UA00131713_0076 | Equipment | electric networks |                   | 0            | 35 kV coupling cable joint POLI-42 / 1x120-240  | 0 | Cable joints  | pcs | 12   |  |  |  |  |  |
| 2383 | 006_UA00131713_0077 | Equipment | electric networks |                   | 0            | 35 kV current transformers with 100/5 molded insulation, with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 35 kV switchgear Equipment                                | pcs | 9    |  |  |  |  |  |
| 2384 | 006_UA00131713_0078 | Equipment | electric networks |                   | 0            | 35 kV current transformers with 200/5 molded insulation, with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 35 kV switchgear Equipment                                | pcs | 12   |  |  |  |  |  |
| 2385 | 006_UA00131713_0079 | Equipment | electric networks |                   | 0            | 35 kV packaged switchgear composed of: two sections with a section switch. Each section has three bays (cable bushing, transformer bushing, voltage transformer) + space for one backup bay   | 0 | 35 kV switchgear Equipment                                | pcs | 2    |  |  |  |  |  |
| 2386 | 006_UA00131713_0080 | Equipment | electric networks |                   | 0            | 35 kV reducing cable joint TRAJ 42 / 1x120-240-3HL  | 0 | Cable joints  | pcs | 4    |  |  |  |  |  |
| 2387 | 006_UA00131713_0081 | Equipment | electric networks |                   | 0            | 35 kV Ur = 40.5kV surge arrester  | 0 | 35 kV switchgear Equipment                                | pcs | 36   |  |  |  |  |  |
| 2388 | 006_UA00131713_0082 | Equipment | electric networks |                   | 0            | 35 kV voltage transformer with molded insulation  | 0 | 35 kV switchgear Equipment                                | pcs | 12   |  |  |  |  |  |
| 2389 | 006_UA00131713_0083 | Equipment | electric networks |                   | 0            | 35 kV, 1,000 A, 16kA vacuum circuit breaker with a spring drive, powered from 220V  | 0 | 35 kV switchgear Equipment                                | pcs | 12   |  |  |  |  |  |
| 2390 | 006_UA00131713_0084 | Equipment | electric networks |                   | 0            | 35 kV, 1,000 A, disconnector with two grounding blades, maintenance free  | 0 | 35 kV switchgear Equipment                                | pcs | 10   |  |  |  |  |  |
| 2391 | 006_UA00131713_0085 | Equipment | electric networks |                   | 0            | Cable cutters   | 0 | Cable cutters   | pcs | 10   |  |  |  |  |  |
| 2392 | 006_UA00131713_0086 | Equipment | electric networks |                   | 0            | Clamping unit SOAS - 120  | 0 | Couplers  | pcs | 1000 |  |  |  |  |  |
| 2393 | 006_UA00131713_0087 | Equipment | electric networks |                   | 0            | Clamping unit SOAS - 185  | 0 | Couplers  | pcs | 1000 |  |  |  |  |  |
| 2394 | 006_UA00131713_0088 | Equipment | electric networks |                   | 0            | Clamping unit SOAS - 70   | 0 | Couplers  | pcs | 3000 |  |  |  |  |  |
| 2395 | 006_UA00131713_0089 | Equipment | electric networks |                   | 0            | Clamping unit SOAS-240  | 0 | Couplers  | pcs | 1000 |  |  |  |  |  |
| 2396 | 006_UA00131713_0090 | Equipment | electric networks |                   | 0            | Current transformers TVLM 10 100/5 with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 6-10 kV switchgear Equipment                              | pcs | 24   |  |  |  |  |  |
| 2397 | 006_UA00131713_0091 | Equipment | electric networks |                   | 0            | Current transformers TVLM 10 300/5 with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 6-10 kV switchgear Equipment                              | pcs | 24   |  |  |  |  |  |
| 2398 | 006_UA00131713_0092 | Equipment | electric networks |                   | 0            | Current transformers TVLM 10 400/5 with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 6-10 kV switchgear Equipment                              | pcs | 24   |  |  |  |  |  |
| 2399 | 006_UA00131713_0093 | Equipment | electric networks |                   | 0            | Current transformers TVLM 10 600/5 with 3 secondary windings: 10P / 10P / 0,5 C   | 0 | 6-10 kV switchgear Equipment                              | pcs | 24   |  |  |  |  |  |
| 2400 | 006_UA00131713_0094 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-1000 35/10 kV   | 0 | 35 kV switchgear Equipment                                | pcs | 4    |  |  |  |  |  |
| 2401 | 006_UA00131713_0095 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-1000 35/6 kV  | 0 | 35 kV switchgear Equipment                                | pcs | 2    |  |  |  |  |  |
| 2402 | 006_UA00131713_0096 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-10000-35 / 10 kV  | 0 | 35 kV switchgear Equipment                                | pcs | 1    |  |  |  |  |  |
| 2403 | 006_UA00131713_0097 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-2500 35/10 kV   | 0 | 35 kV switchgear Equipment                                | pcs | 2    |  |  |  |  |  |
| 2404 | 006_UA00131713_0098 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-4000 35/6 kV  | 0 | 35 kV switchgear Equipment                                | pcs | 2    |  |  |  |  |  |
| 2405 | 006_UA00131713_0099 | Equipment | electric networks |                   | 0            | Double-wound power transformer, equivalent to TDN-6300-35 / 10 kV   | 0 | 35 kV switchgear Equipment                                | pcs | 4    |  |  |  |  |  |
| 2406 | 006_UA00131713_0100 | Equipment | electric networks |                   | 0            | Gas torches for working on cable lines  | 0 | Gas torches for working on cable lines                    | pcs | 20   |  |  |  |  |  |
| 2407 | 006_UA00131713_0101 | Equipment | electric networks |                   | 0            | Glass insulators PS-70  | 0 | Couplers  | pcs | 3000 |  |  |  |  |  |
| 2408 | 006_UA00131713_0102 | Equipment | electric networks |                   | 0            | ground wearer   | 0 | Restoration of 0.4-150 kV lines                           | km  | 3    |  |  |  |  |  |
| 2409 | 006_UA00131713_0103 | Equipment | electric networks |                   | 0            | Hydraulic press   | 0 | Hydraulic press for cable terminations from 10 to 240 mm. | pcs | 10   |  |  |  |  |  |
| 2410 | 006_UA00131713_0104 | Equipment | Electrical        | Supplies          | Supplies     | LED floodlight  | 0 | LED floodlight, on a tripod                               | pcs | 20   |  |  |  |  |  |
| 2411 | 006_UA00131713_0105 | Equipment | electric networks |                   | 0            | METAL POLE U110-2   | 0 | Poles   | pcs | 6    |  |  |  |  |  |
| 2412 | 006_UA00131713_0106 | Equipment | electric networks |                   | 0            | METAL POLE U-35-2   | 0 | Poles   | pcs | 8    |  |  |  |  |  |
| 2413 | 006_UA00131713_0107 | Equipment | electric networks |                   | 0            | METAL POLE US-110-6   | 0 | Poles   | pcs | 4    |  |  |  |  |  |
| 2414 | 006_UA00131713_0108 | Equipment | Mechanical        | Devices and tools | Wiring tools | Open end wrench kit 6 - 32 mm   | 0 | Open end wrench kit 6 - 32 mm                             | set | 100  |  |  |  |  |  |
| 2415 | 006_UA00131713_0109 | Equipment | electric networks |                   | 0            | Polymer insulators LK-70-110  | 0 | Couplers  | pcs | 3000 |  |  |  |  |  |
| 2416 | 006_UA00131713_0110 | Equipment | electric networks |                   | 0            | Polymer insulators LK7s-120-110   | 0 | Couplers  | pcs | 800  |  |  |  |  |  |
| 2417 | 006_UA00131713_0111 | Equipment | electric networks |                   | 0            | Power transformer TDTN-25000 110/35/6   | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |
| 2418 | 006_UA00131713_0112 | Equipment | electric networks |                   | 0            | Power transformer TDTN-25000 110/35/6   | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |
| 2419 | 006_UA00131713_0113 | Equipment | electric networks |                   | 0            | Power transformer TDTN-40000 110/35/10  | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |
| 2420 | 006_UA00131713_0114 | Equipment | electric networks |                   | 0            | Power transformer TDTN-40000 110/35/6   | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |
| 2421 | 006_UA00131713_0115 | Equipment | electric networks |                   | 0            | Power transformer TRDN-25000 110/10/10  | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |
| 2422 | 006_UA00131713_0116 | Equipment | electric networks |                   | 0            | Power transformer TRDN-25000 110/6/6  | 0 | 110 kV switchgear Equipment                               | pcs | 2    |  |  |  |  |  |

|      |                     |           |                   |                   |   |  |   |  |     |       |  |  |  |  |
|------|---------------------|-----------|-------------------|-------------------|---|--|---|--|-----|-------|--|--|--|--|
| 2423 | 006_UA00131713_0117 | Equipment | electric networks |                   | 0 | Power transformer TRDN-40000 110/10/10   | 0 | 110 kV switchgear Equipment                        | pcs | 2     |  |  |  |  |
| 2424 | 006_UA00131713_0118 | Equipment | electric networks |                   | 0 | Power transformer TRDN-40000 110/6/6   | 0 | 110 kV switchgear Equipment                        | pcs | 2     |  |  |  |  |
| 2425 | 006_UA00131713_0119 | Equipment | electric networks |                   | 0 | REINFORCED CONCRETE POLE SK-22.1-1-0   | 0 | Poles  | pcs | 30    |  |  |  |  |
| 2426 | 006_UA00131713_0120 | Equipment | electric networks |                   | 0 | REINFORCED CONCRETE POWER TRANSMISSION POLE SK-26.1-5.1a   | 0 | Poles  | pcs | 30    |  |  |  |  |
| 2427 | 006_UA00131713_0121 | Equipment | electric networks |                   | 0 | Satphones  | 0 | 0  | pcs | 50    |  |  |  |  |
| 2428 | 006_UA00131713_0122 | Equipment | electric networks |                   | 0 | SF 6 circuit-breaker 110kV, 1,000A, 40kA   | 0 | 110 kV switchgear Equipment                        | pcs | 12    |  |  |  |  |
| 2429 | 006_UA00131713_0123 | Equipment | electric networks |                   | 0 | SIP 4x35   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2430 | 006_UA00131713_0124 | Equipment | electric networks |                   | 0 | SIP 4x50   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2431 | 006_UA00131713_0125 | Equipment | electric networks |                   | 0 | SIP 4x70   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2432 | 006_UA00131713_0126 | Equipment | electric networks |                   | 0 | SIP 4x95   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2433 | 006_UA00131713_0127 | Equipment | electric networks |                   | 0 | Sonnenschein A 704/245 (58 banks per set) + charger  | 0 | Accumulator batteries                              | set | 3     |  |  |  |  |
| 2434 | 006_UA00131713_0128 | Equipment | electric networks |                   | 0 | Sonnenschein A 706/84 (34 banks per set) + charger   | 0 | Accumulator batteries                              | set | 3     |  |  |  |  |
| 2435 | 006_UA00131713_0129 | Equipment | electric networks |                   | 0 | Thermit bulbs of PAS type  | 0 | Couplers   | pcs | 500   |  |  |  |  |
| 2436 | 006_UA00131713_0130 | Equipment | electric networks |                   | 0 | Thermomatches  | 0 | Couplers   | pcs | 100   |  |  |  |  |
| 2437 | 006_UA00131713_0131 | Equipment | electric networks |                   | 0 | Wire AS-120/19   | 0 | Restoration of 0.4-150 kV lines                    | km  | 15    |  |  |  |  |
| 2438 | 006_UA00131713_0132 | Equipment | electric networks |                   | 0 | Wire AS-185  | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2439 | 006_UA00131713_0133 | Equipment | electric networks |                   | 0 | Wire AS-240  | 0 | Restoration of 0.4-150 kV lines                    | km  | 4     |  |  |  |  |
| 2440 | 006_UA00131713_0134 | Equipment | electric networks |                   | 0 | Wire AS-50   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2441 | 006_UA00131713_0135 | Equipment | electric networks |                   | 0 | Wire AS-70   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2442 | 006_UA00131713_0136 | Equipment | electric networks |                   | 0 | Wire AS-95   | 0 | Restoration of 0.4-150 kV lines                    | km  | 10    |  |  |  |  |
| 2443 | 006_UA00131713_0137 | Equipment | Electrical        | Computer networks |   | FC-10-R030D-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 276   |  |  |  |  |
| 2444 | 006_UA00131713_0138 | Equipment | Electrical        | Computer networks |   | FC-10-W0300-247-02-60 (Software) Fortinet 224E 5 Year 24x7 FortiCare Contract  | 0 | 0  | pcs | 27    |  |  |  |  |
| 2445 | 006_UA00131713_0139 | Equipment | Electrical        | Computer networks |   | FMG-VM-100-UG (Software) Fortinet Upgrade license 100 devices for total 5 GB / Day and 1 TB storage  | 0 | 0  | pcs | 2     |  |  |  |  |
| 2446 | 006_UA00131713_0140 | Equipment | Electrical        | Computer networks |   | FC-10-00119-159-02-12 (Software) Fortinet FG-101E 1Y FortiGuard Industrial Security Service  | 0 | 0  | pcs | 54    |  |  |  |  |
| 2447 | 006_UA00131713_0141 | Equipment | Electrical        | Computer networks |   | FG-101E (F) -8DL-950-12 (Network firewall) Fortinet FG-101E Hardware plus 1Y 24x7 FortiCare and FortiGuard UTM Bundle  | 0 | 0  | pcs | 54    |  |  |  |  |
| 2448 | 006_UA00131713_0142 | Equipment | Electrical        | Computer networks |   | FGR-30D-8DL-950-12 (Network firewall) Fortinet FGR-30D Hardware plus 1Y 24x7 FortiCare and FortiGuard Unified (UTM)  | 0 | 0  | pcs | 276   |  |  |  |  |
| 2449 | 006_UA00131713_0143 | Equipment | Electrical        | Computer networks |   | F5-224E (switch) Fortinet F5-224E Layer 2/3 controller compatible switch with 24xGE RJ45, 4xGE SFP   | 0 | 0  | pcs | 27    |  |  |  |  |
| 2450 | 006_UA00131713_0144 | Equipment | Electrical        | Computer networks |   | Guardian NSG-L 250 (5000 nodes)  | 0 | 0  | pcs | 2     |  |  |  |  |
| 2451 | 006_UA00131713_0145 | Equipment | Electrical        | Computer networks |   | 4x1000Base-T slot  | 0 | 0  | pcs | 2     |  |  |  |  |
| 2452 | 006_UA00131713_0146 | Equipment | Electrical        | Computer networks |   | FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Year FortiClient Endpoint Agent license subscription for 25 centrally managed (on-prem) endpoints. Includes Zero Trust Fabric Telemetry, Remote Access (SSL and IPsec VPN), Vulnerability Scan, SSOMA, EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x7 support is also included. | 0 | Fortinet (licenses)                                | pcs | 8     |  |  |  |  |
| 2453 | 004_UA00131268_0019 | Equipment | electric grids    |                   | 0 | ?  | 0 | 0  | pcs | 8     |  |  |  |  |
| 2454 | 004_UA00131268_0020 | Equipment | electric grids    |                   | 0 | ?  | 0 | 0  | pcs | 5     |  |  |  |  |
| 2455 | 004_UA00131268_0021 | Equipment | electric grids    |                   | 0 | ALUMINUM TERMINAL 240MM2   | 0 | 240MM2   | pcs | 50    |  |  |  |  |
| 2456 | 004_UA00131268_0022 | Equipment | electric grids    |                   | 0 | ALUMINUM TERMINAL A120   | 0 | A120   | pcs | 50    |  |  |  |  |
| 2457 | 004_UA00131268_0023 | Equipment | electric grids    |                   | 0 | ALUMINUM TERMINAL A50  | 0 | A50  | pcs | 50    |  |  |  |  |
| 2458 | 004_UA00131268_0024 | Equipment | electric grids    |                   | 0 | Aluminum terminators   | 0 | 35mm   | pcs | 30    |  |  |  |  |
| 2459 | 004_UA00131268_0025 | Equipment | electric grids    |                   | 0 | Aluminum terminators   | 0 | 50mm   | pcs | 30    |  |  |  |  |
| 2460 | 004_UA00131268_0026 | Equipment | electric grids    |                   | 0 | Aluminum terminators   | 0 | 70mm   | pcs | 30    |  |  |  |  |
| 2461 | 004_UA00131268_0027 | Equipment | electric grids    |                   | 0 | Aluminum terminators   | 0 | 95mm   | pcs | 30    |  |  |  |  |
| 2462 | 004_UA00131268_0028 | Equipment | electric grids    |                   | 0 | Aluminum terminators   | 0 | 120mm  | pcs | 30    |  |  |  |  |
| 2463 | 004_UA00131268_0029 | Equipment | electric grids    |                   | 0 | Anchor terminal clamp  | 0 | Anchor terminal clamp                              | pcs | 2523  |  |  |  |  |
| 2464 | 004_UA00131268_0030 | Equipment | electric grids    |                   | 0 | Angle voltage tower 110 kV   | 0 | U-110-2  | pcs | 2     |  |  |  |  |
| 2465 | 004_UA00131268_0031 | Equipment | electric grids    |                   | 0 | Automatic switch   | 0 | BA7E BHM. AUTO. LIT.CORR. (EL-TRON.ROZ.) 3P / 100A | pcs | 10    |  |  |  |  |
| 2466 | 004_UA00131268_0032 | Equipment | electric grids    |                   | 0 | Bondage hook SIP   | 0 | Bondage hook SIP                                   | pcs | 530   |  |  |  |  |
| 2467 | 004_UA00131268_0033 | Equipment | electric grids    |                   | 0 | Cable  | 0 | AC-50 / 6.2  | t   | 3     |  |  |  |  |
| 2468 | 004_UA00131268_0034 | Equipment | electric grids    |                   | 0 | Cable  | 0 | AC-35 / 6.2  | t   | 3     |  |  |  |  |
| 2469 | 004_UA00131268_0035 | Equipment | electric grids    |                   | 0 | Cable  | 0 | AB66UJB 1-4 * 70                                   | m   | 300   |  |  |  |  |
| 2470 | 004_UA00131268_0036 | Equipment | electric grids    |                   | 0 | Cable  | 0 | ASBL-10 3X240                                      | m   | 20    |  |  |  |  |
| 2471 | 004_UA00131268_0037 | Equipment | electric grids    |                   | 0 | Cable  | 0 | ABBF 4/70  | m   | 50    |  |  |  |  |
| 2472 | 004_UA00131268_0038 | Equipment | electric grids    |                   | 0 | Cable  | 0 | AB66UJB 4/70                                       | m   | 50    |  |  |  |  |
| 2473 | 004_UA00131268_0039 | Equipment | electric networks |                   | 0 | Cable cutters  | 0 | Cable cutters                                      | pcs | 10    |  |  |  |  |
| 2474 | 004_UA00131268_0040 | Equipment | electric grids    |                   | 0 | CABLE AB66UJB 4X70   | 0 | AB66UJB 4X70                                       | km  | 0,05  |  |  |  |  |
| 2475 | 004_UA00131268_0041 | Equipment | electric grids    |                   | 0 | CABLE ABBF 4X95  | 0 | ABBF 4X95  | km  | 0,05  |  |  |  |  |
| 2476 | 004_UA00131268_0042 | Equipment | electric grids    |                   | 0 | CABLE ABBF 4X50  | 0 | ABBF 4X50  | km  | 0,05  |  |  |  |  |
| 2477 | 004_UA00131268_0043 | Equipment | electric grids    |                   | 0 | CABLE AC-35 / 6.2  | 0 | AC-35 / 6.2  | km  | 1     |  |  |  |  |
| 2478 | 004_UA00131268_0044 | Equipment | electric grids    |                   | 0 | CABLE AC-50 / 8.0  | 0 | AC-50 / 8.0  | km  | 1     |  |  |  |  |
| 2479 | 004_UA00131268_0045 | Equipment | electric grids    |                   | 0 | CABLE ASBL-10 3X120  | 0 | ASBL-10 3X120                                      | km  | 0,3   |  |  |  |  |
| 2480 | 004_UA00131268_0046 | Equipment | electric grids    |                   | 0 | Cable SIP 2X16   | 0 | SIP 2X16   | m   | 3000  |  |  |  |  |
| 2481 | 004_UA00131268_0047 | Equipment | electric grids    |                   | 0 | CABLE SIP 4X35   | 0 | SIP 4X35   | km  | 1     |  |  |  |  |
| 2482 | 004_UA00131268_0048 | Equipment | electric grids    |                   | 0 | CABLE SIP 4X50   | 0 | SIP 4X50   | km  | 2     |  |  |  |  |
| 2483 | 004_UA00131268_0049 | Equipment | electric grids    |                   | 0 | Cable SIP 4X70   | 0 | SIP 4X70   | km  | 24,05 |  |  |  |  |

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|------|---------------------|-----------|-------------------|----------|----------|--|---|---|-----|-------|--|--|--|--|
| 2484 | 004_UA00131268_0050 | Equipment | electric grids    |          | 0        | Cable SIP 4X95   | 0 | SIP 4X95  | km  | 31,25 |  |  |  |  |
| 2485 | 004_UA00131268_0051 | Equipment | electric grids    |          | 0        | Cable SIP-3 1X70   | 0 | SIP-3 1X70  | km  | 15    |  |  |  |  |
| 2486 | 004_UA00131268_0052 | Equipment | electric grids    |          | 0        | Clamp SOAS-120   | 0 | SOAS-120  | pcs | 90    |  |  |  |  |
| 2487 | 004_UA00131268_0053 | Equipment | electric grids    |          | 0        | Clamp X-01   | 0 | X-01  | pcs | 149   |  |  |  |  |
| 2488 | 004_UA00131268_0054 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP PA-2-2  | pcs | 40    |  |  |  |  |
| 2489 | 004_UA00131268_0055 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP PAM-3-1   | pcs | 30    |  |  |  |  |
| 2490 | 004_UA00131268_0056 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP PA-3-2  | pcs | 60    |  |  |  |  |
| 2491 | 004_UA00131268_0057 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP PA-4-1  | pcs | 60    |  |  |  |  |
| 2492 | 004_UA00131268_0058 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP PA-5-1  | pcs | 30    |  |  |  |  |
| 2493 | 004_UA00131268_0059 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP SOAS-95   | pcs | 40    |  |  |  |  |
| 2494 | 004_UA00131268_0060 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP SOAS-120  | pcs | 40    |  |  |  |  |
| 2495 | 004_UA00131268_0061 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP SOAS 150  | pcs | 20    |  |  |  |  |
| 2496 | 004_UA00131268_0062 | Equipment | electric grids    |          | 0        | Connecting contact clamp for cable                           | 0 | CLAMP SOAS 185  | pcs | 30    |  |  |  |  |
| 2497 | 004_UA00131268_0063 | Equipment | electric grids    |          | 0        | Connecting contact terminal for rope                         | 0 | LOOP TERMINAL PS-3-1                                      | pcs | 40    |  |  |  |  |
| 2498 | 004_UA00131268_0064 | Equipment | electric grids    |          | 0        | Connection cable joint 0.4 kV                                | 0 | 1PS1P-5 4 / 70-120  | pcs | 250   |  |  |  |  |
| 2499 | 004_UA00131268_0065 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV                                 | 0 | 1PS1P-6 4 / 150-240                                       | pcs | 140   |  |  |  |  |
| 2500 | 004_UA00131268_0066 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV                                 | 0 | FIELD 24 / 1X240-400                                      | pcs | 110   |  |  |  |  |
| 2501 | 004_UA00131268_0067 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV                                 | 0 | FIELD 24 / 1X120-240                                      | pcs | 160   |  |  |  |  |
| 2502 | 004_UA00131268_0068 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV                                 | 0 | FIELD 24/1X500  | pcs | 70    |  |  |  |  |
| 2503 | 004_UA00131268_0069 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV                                 | 0 | 3STP-10 70/120  | pcs | 15    |  |  |  |  |
| 2504 | 004_UA00131268_0070 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV for cable with paper insulation | 0 | 3STP-10 70/120  | pcs | 847   |  |  |  |  |
| 2505 | 004_UA00131268_0071 | Equipment | electric grids    |          | 0        | Connection cable joint 10 kV for cable with paper insulation | 0 | 3STP-10 150/240   | pcs | 434   |  |  |  |  |
| 2506 | 004_UA00131268_0072 | Equipment | electric grids    |          | 0        | Connection cable joint 35 kV                                 | 0 | POLJ-42 / 1x500   | pcs | 60    |  |  |  |  |
| 2507 | 004_UA00131268_0073 | Equipment | electric grids    |          | 0        | Connection cable joint 35 kV                                 | 0 | POLJ-42 / 1x300-400                                       | pcs | 60    |  |  |  |  |
| 2508 | 004_UA00131268_0074 | Equipment | electric grids    |          | 0        | Connection cable joint up to 1 kV                            | 0 | 4STP-1 70/120   | pcs | 4     |  |  |  |  |
| 2509 | 004_UA00131268_0075 | Equipment | electric grids    |          | 0        | Connection cable joint up to 1 kV                            | 0 | 4STP-1 135/50   | pcs | 4     |  |  |  |  |
| 2510 | 004_UA00131268_0076 | Equipment | electric grids    |          | 0        | Crossover cable joint 0.4 kV                                 | 0 | 1STPP-6 4 / 150-240                                       | pcs | 500   |  |  |  |  |
| 2511 | 004_UA00131268_0077 | Equipment | electric grids    |          | 0        | Crossover cable joint 0.4 kV                                 | 0 | 1STPP-5 4 / 70-120  | pcs | 620   |  |  |  |  |
| 2512 | 004_UA00131268_0078 | Equipment | electric grids    |          | 0        | 10 kV crossover cable joint                                  | 0 | TRAJ 24 120-240 3HL                                       | pcs | 110   |  |  |  |  |
| 2513 | 004_UA00131268_0079 | Equipment | electric grids    |          | 0        | Crossover cable joint 35 kV                                  | 0 | TRAJ 42 / 1x120-240-3HL                                   | pcs | 60    |  |  |  |  |
| 2514 | 004_UA00131268_0080 | Equipment | electric grids    |          | 0        | 1kV disconnecter   | 0 | AB-100A   | pcs | 20    |  |  |  |  |
| 2515 | 004_UA00131268_0081 | Equipment | electric grids    |          | 0        | 1kV disconnecter   | 0 | AB-160A   | pcs | 20    |  |  |  |  |
| 2516 | 004_UA00131268_0082 | Equipment | electric grids    |          | 0        | Disconnector RLN 10/400                                      | 0 | RLN 10/400  | pcs | 5     |  |  |  |  |
| 2517 | 004_UA00131268_0083 | Equipment | electric grids    |          | 0        | Disconnector RLND 10/400                                     | 0 | RLND 10/400   | pcs | 49    |  |  |  |  |
| 2518 | 004_UA00131268_0084 | Equipment | electric grids    |          | 0        | Disconnector RLND2-10/630 U1                                 | 0 | RLND2-10/630 U1   | pcs | 35    |  |  |  |  |
| 2519 | 004_UA00131268_0085 | Equipment | electric grids    |          | 0        | Disconnector RLND2-10/630 U1                                 | 0 | RV-600  | pcs | 10    |  |  |  |  |
| 2520 | 004_UA00131268_0086 | Equipment | electric grids    |          | 0        | ELECTRODE ANO-3 F3   | 0 | ANO-3 F3  | pcs | 3     |  |  |  |  |
| 2521 | 004_UA00131268_0087 | Equipment | electric grids    |          | 0        | ELECTRODE ANO-4 F3   | 0 | F3  | kg  | 15    |  |  |  |  |
| 2522 | 004_UA00131268_0088 | Equipment | electric grids    |          | 0        | ELECTRODE ANO-4 F4   | 0 | F4  | kg  | 15    |  |  |  |  |
| 2523 | 004_UA00131268_0089 | Equipment | electric grids    |          | 0        | FUSE   | 0 | PN-100  | pcs | 100   |  |  |  |  |
| 2524 | 004_UA00131268_0090 | Equipment | electric grids    |          | 0        | FUSE   | 0 | PN-250  | pcs | 300   |  |  |  |  |
| 2525 | 004_UA00131268_0091 | Equipment | electric grids    |          | 0        | FUSE   | 0 | PC 6-40-31.5 U3   | pcs | 100   |  |  |  |  |
| 2526 | 004_UA00131268_0092 | Equipment | electric grids    |          | 0        | FUSE 011-6-10-40U1   | 0 | 011-6-10-40U1   | pcs | 15    |  |  |  |  |
| 2527 | 004_UA00131268_0093 | Equipment | electric grids    |          | 0        | FUSE PKT 012-6-50-31.5 U3                                    | 0 | PKT 012-6-50-31.5 U3                                      | pcs | 15    |  |  |  |  |
| 2528 | 004_UA00131268_0094 | Equipment | electric grids    |          | 0        | FUSE PKT-012-6-40-31,5U3                                     | 0 | PKT-012-6-40-31,5U3                                       | pcs | 15    |  |  |  |  |
| 2529 | 004_UA00131268_0095 | Equipment | electric grids    |          | 0        | FUSE PN-22-01-250 UHL3 250A                                  | 0 | 250A  | pcs | 99    |  |  |  |  |
| 2530 | 004_UA00131268_0096 | Equipment | electric grids    |          | 0        | FUSE PN22-400-00 UHLZ 400A                                   | 0 | 400A  | pcs | 21    |  |  |  |  |
| 2531 | 004_UA00131268_0097 | Equipment | electric grids    |          | 0        | FUSE PN22-630-00 UHLZ 630A                                   | 0 | 630A  | pcs | 12    |  |  |  |  |
| 2532 | 004_UA00131268_0098 | Equipment | electric grids    |          | 0        | fuses  | 0 | PN-2 100A   | pcs | 100   |  |  |  |  |
| 2533 | 004_UA00131268_0099 | Equipment | electric grids    |          | 0        | fuses  | 0 | PN-2 250A   | pcs | 200   |  |  |  |  |
| 2534 | 004_UA00131268_0100 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-10 50A   | pcs | 20    |  |  |  |  |
| 2535 | 004_UA00131268_0101 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-6 50A  | pcs | 20    |  |  |  |  |
| 2536 | 004_UA00131268_0102 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-6 31.5A  | pcs | 20    |  |  |  |  |
| 2537 | 004_UA00131268_0103 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-10 31.5A   | pcs | 20    |  |  |  |  |
| 2538 | 004_UA00131268_0104 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-6 20A  | pcs | 20    |  |  |  |  |
| 2539 | 004_UA00131268_0105 | Equipment | electric grids    |          | 0        | fuses  | 0 | PC-10 20A   | pcs | 20    |  |  |  |  |
| 2540 | 004_UA00131268_0106 | Equipment | electric grids    |          | 0        | Gas burners for working on cable lines                       | 0 | Gas burners for working on cable lines                    | pcs | 6     |  |  |  |  |
| 2541 | 004_UA00131268_0107 | Equipment | electric grids    |          | 0        | Glass insulators for hanging lines                           | 0 | PSD-70E   | pcs | 100   |  |  |  |  |
| 2542 | 004_UA00131268_0108 | Equipment | electric grids    |          | 0        | Glass insulators for hanging lines                           | 0 | PSH-120 B   | pcs | 100   |  |  |  |  |
| 2543 | 004_UA00131268_0109 | Equipment | electric grids    |          | 0        | Glass insulators PS-120                                      | 0 | PS-120  | pcs | 200   |  |  |  |  |
| 2544 | 004_UA00131268_0110 | Equipment | electric grids    |          | 0        | Glass insulators PS-70                                       | 0 | PS-70   | pcs | 224   |  |  |  |  |
| 2545 | 004_UA00131268_0111 | Equipment | electric grids    |          | 0        | Hanging clamp  | 0 | Hanging clamp   | pcs | 2320  |  |  |  |  |
| 2546 | 004_UA00131268_0112 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | EYEHOLE U1X-7-16  | pcs | 30    |  |  |  |  |
| 2547 | 004_UA00131268_0113 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | INDUSTRIAL LINK PRR-7-1                                   | pcs | 80    |  |  |  |  |
| 2548 | 004_UA00131268_0114 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | INDUSTRIAL LINK PRR-12-1                                  | pcs | 60    |  |  |  |  |
| 2549 | 004_UA00131268_0115 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | CLAMP SK-7-1A   | pcs | 30    |  |  |  |  |
| 2550 | 004_UA00131268_0116 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | CLAMP SKD-10-1  | pcs | 30    |  |  |  |  |
| 2551 | 004_UA00131268_0117 | Equipment | electric grids    |          | 0        | Hooking fittings for hanging lines                           | 0 | CLAMP SK-12-1A  | pcs | 30    |  |  |  |  |
| 2552 | 004_UA00131268_0118 | Equipment | electric networks |          | 0        | Hydraulic press  | 0 | Hydraulic press for cable terminations from 10 to 240 mm. | pcs | 10    |  |  |  |  |
| 2553 | 004_UA00131268_0119 | Equipment | electric grids    |          | 0        | Insulators   | 0 | TF-20   | pcs | 600   |  |  |  |  |
| 2554 | 004_UA00131268_0120 | Equipment | electric grids    |          | 0        | Insulators   | 0 | Insulator SHF-20 (10)                                     | pcs | 520   |  |  |  |  |
| 2555 | 004_UA00131268_0121 | Equipment | Electrical        | Supplies | Supplies | LED floodlight   | 0 | LED floodlight, on a tripod                               | pcs | 20    |  |  |  |  |
| 2556 | 004_UA00131268_0122 | Equipment | electric grids    |          | 0        | Lightning protection rope for hanging lines 35-110 kV        | 0 | ROPE 9.1 DSTU 2688-80                                     | km  | 2     |  |  |  |  |
| 2557 | 004_UA00131268_0123 | Equipment | electric grids    |          | 0        | Load disconnecter  | 0 | VNPz-10/630   | pcs | 10    |  |  |  |  |
| 2558 | 004_UA00131268_0124 | Equipment | electric grids    |          | 0        | MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 100A                 | 0 | 3P / 100A   | pcs | 5     |  |  |  |  |
| 2559 | 004_UA00131268_0125 | Equipment | electric grids    |          | 0        | MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 160A                 | 0 | 3P / 160A   | pcs | 5     |  |  |  |  |
| 2560 | 004_UA00131268_0126 | Equipment | electric grids    |          | 0        | MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 250A                 | 0 | 3P / 250A   | pcs | 5     |  |  |  |  |
| 2561 | 004_UA00131268_0127 | Equipment | electric grids    |          | 0        | MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 400A                 | 0 | 3P / 400A   | pcs | 2     |  |  |  |  |



|      |                     |           |                   |  |                     |  |   |   |     |      |  |  |  |  |
|------|---------------------|-----------|-------------------|--|---------------------|--|---|---|-----|------|--|--|--|--|
| 2562 | 004_UA00131268_0128 | Equipment | electric grids    |  | 0                   | Metal concrete rack for hanging lines 35 kV                  | 0 | RACK CK16.4-02  | pcs | 6    |  |  |  |  |
| 2563 | 004_UA00131268_0129 | Equipment | electric grids    |  | 0                   | Metal concrete rack for hanging lines 35-110 kV              | 0 | METAL CONCRETE RACK SK-22.1-1.0                           | pcs | 4    |  |  |  |  |
| 2564 | 004_UA00131268_0130 | Equipment | electric grids    |  | 0                   | Metal concrete rack for hanging lines 35-110 kV              | 0 | METAL CONCRETE RACK SK-26.1-6.0                           | pcs | 4    |  |  |  |  |
| 2565 | 004_UA00131268_0131 | Equipment | electric grids    |  | 0                   | Metal concrete rack for hanging lines 35-110 kV              | 0 | METAL CONCRETE RACK SK-22.2-1.1                           | pcs | 4    |  |  |  |  |
| 2566 | 004_UA00131268_0132 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 110 kV        | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-110-15      | set | 4    |  |  |  |  |
| 2567 | 004_UA00131268_0133 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 110 kV        | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-110-8       | set | 4    |  |  |  |  |
| 2568 | 004_UA00131268_0134 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 110 kV        | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-110-13      | set | 4    |  |  |  |  |
| 2569 | 004_UA00131268_0135 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 35 kV         | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-35-1-16.4   | set | 6    |  |  |  |  |
| 2570 | 004_UA00131268_0136 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 35 kV         | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-35-3.1-16.4 | set | 4    |  |  |  |  |
| 2571 | 004_UA00131268_0137 | Equipment | electric grids    |  | 0                   | Metal construction for metal concrete posts PL 35 kV         | 0 | METAL CONSTRUCTION FOR METAL CONCRETE POST №6-35-11.1     | set | 4    |  |  |  |  |
| 2572 | 004_UA00131268_0138 | Equipment | electric grids    |  | 0                   | METAL CONSTRUCTION TM-1                                      | 0 | TM-1  | pcs | 5    |  |  |  |  |
| 2573 | 004_UA00131268_0139 | Equipment | electric grids    |  | 0                   | METAL CONSTRUCTION TH-2П (TM 9)                              | 0 | TM-2P (TM 9)  | pcs | 20   |  |  |  |  |
| 2574 | 004_UA00131268_0140 | Equipment | electric grids    |  | 0                   | METAL CONSTRUCTION U-1                                       | 0 | Y-1-2   | pcs | 5    |  |  |  |  |
| 2575 | 004_UA00131268_0141 | Equipment | electric grids    |  | 0                   | METAL CONSTRUCTION X-10 HB                                   | 0 | X-10 HB   | pcs | 20   |  |  |  |  |
| 2576 | 004_UA00131268_0142 | Equipment | electric grids    |  | 0                   | METAL CONSTRUCTION X-1 BB                                    | 0 | X-1 BB  | pcs | 10   |  |  |  |  |
| 2577 | 004_UA00131268_0143 | Equipment | Electrical        | Equipment for 10-0.4 kV overhead power lines | Linear SIP fittings | Piercing clamp   | 0 | Piercing clamp  | pcs | 2394 |  |  |  |  |
| 2578 | 004_UA00131268_0144 | Equipment | electric grids    |  | 0                   | Plank clamp PA-1   | 0 | PA-1  | pcs | 390  |  |  |  |  |
| 2579 | 004_UA00131268_0145 | Equipment | electric grids    |  | 0                   | Polymer insulators for hanging lines                         | 0 | INSULATOR LK-70-35-5 (S-B)                                | pcs | 60   |  |  |  |  |
| 2580 | 004_UA00131268_0146 | Equipment | electric grids    |  | 0                   | Polymer insulators for hanging lines                         | 0 | INSULATOR LK 70-110-5 (S8)                                | pcs | 30   |  |  |  |  |
| 2581 | 004_UA00131268_0147 | Equipment | electric grids    |  | 0                   | Polymer insulators for hanging lines                         | 0 | INSULATOR LK-120-110-5Tt (S-B)                            | pcs | 30   |  |  |  |  |
| 2582 | 004_UA00131268_0148 | Equipment | electric grids    |  | 0                   | Polymer insulators LCC-120-110                               | 0 | LCC-120-110   | pcs | 100  |  |  |  |  |
| 2583 | 004_UA00131268_0149 | Equipment | electric grids    |  | 0                   | Polymer insulators LCC-70-110                                | 0 | LCC-70-110  | pcs | 100  |  |  |  |  |
| 2584 | 004_UA00131268_0150 | Equipment | electric grids    |  | 0                   | Posts  | 0 | SV-10   | pcs | 20   |  |  |  |  |
| 2585 | 004_UA00131268_0151 | Equipment | electric grids    |  | 0                   | Posts  | 0 | SV-9.5  | pcs | 20   |  |  |  |  |
| 2586 | 004_UA00131268_0152 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TMG-100 kVA 10 / 0.4 kV                                   | pcs | 1    |  |  |  |  |
| 2587 | 004_UA00131268_0153 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TMG-250 kVA 10 / 0.4 kV                                   | pcs | 10   |  |  |  |  |
| 2588 | 004_UA00131268_0154 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TMG-630 kVA 10 / 0.4 kV                                   | pcs | 9    |  |  |  |  |
| 2589 | 004_UA00131268_0155 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TMG-400 kVA 10 / 0.4 kV                                   | pcs | 13   |  |  |  |  |
| 2590 | 004_UA00131268_0156 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TC-1000 kVA 10 / 0.4 kV                                   | pcs | 2    |  |  |  |  |
| 2591 | 004_UA00131268_0157 | Equipment | electric grids    |  | 0                   | Power transformer 10 / 0.4 kV                                | 0 | TC-630 kVA 10 / 0.4 kV                                    | pcs | 2    |  |  |  |  |
| 2592 | 004_UA00131268_0158 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-100 kVA 6 / 0.4 kV                                    | pcs | 1    |  |  |  |  |
| 2593 | 004_UA00131268_0159 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-250 kVA 6 / 0.4 kV                                    | pcs | 10   |  |  |  |  |
| 2594 | 004_UA00131268_0160 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-400 kVA 6 / 0.4 kV                                    | pcs | 11   |  |  |  |  |
| 2595 | 004_UA00131268_0161 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TC-1000 kVA 6 / 0.4 kV                                    | pcs | 2    |  |  |  |  |
| 2596 | 004_UA00131268_0162 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TC-630 kVA 6 / 0.4 kV                                     | pcs | 2    |  |  |  |  |
| 2597 | 004_UA00131268_0163 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-630 kVA 6 / 0.4 kV                                    | pcs | 10   |  |  |  |  |
| 2598 | 004_UA00131268_0164 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-100kVA  | pcs | 5    |  |  |  |  |
| 2599 | 004_UA00131268_0165 | Equipment | electric grids    |  | 0                   | Power transformer 6 / 0.4 kV                                 | 0 | TMG-250kVA  | pcs | 5    |  |  |  |  |
| 2600 | 004_UA00131268_0166 | Equipment | electric grids    |  | 0                   | Rack Z / B SV-10.5-5   | 0 | Z / B SV-10.5-5   | pcs | 323  |  |  |  |  |
| 2601 | 004_UA00131268_0167 | Equipment | electric grids    |  | 0                   | Rack Z / B SV-9.5-3  | 0 | Z / B SV-9.5-3  | pcs | 368  |  |  |  |  |
| 2602 | 004_UA00131268_0168 | Equipment | electric grids    |  | 0                   | Rack Z / B SK-10.5-10  | 0 | Z / B SK-10.5-10  | pcs | 235  |  |  |  |  |
| 2603 | 004_UA00131268_0169 | Equipment | electric grids    |  | 0                   | Rack SC 120-15   | 0 | SK-120  | pcs | 60   |  |  |  |  |
| 2604 | 004_UA00131268_0170 | Equipment | electric grids    |  | 0                   | Rack SC 120-6  | 0 | SK-120  | pcs | 60   |  |  |  |  |
| 2605 | 004_UA00131268_0171 | Equipment | electric networks |  | 0                   | Satphones  | 0 | 0   | pcs | 50   |  |  |  |  |
| 2606 | 004_UA00131268_0172 | Equipment | electric grids    |  | 0                   | Spanner wrench set 6 - 32 mm                                 | 0 | Spanner wrench set 6 - 32 mm                              | set | 100  |  |  |  |  |
| 2607 | 004_UA00131268_0173 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-120/19   | t   | 1    |  |  |  |  |
| 2608 | 004_UA00131268_0174 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-95/16  | t   | 0,5  |  |  |  |  |
| 2609 | 004_UA00131268_0175 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-150/24   | t   | 1    |  |  |  |  |
| 2610 | 004_UA00131268_0176 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-185/29   | t   | 1    |  |  |  |  |
| 2611 | 004_UA00131268_0177 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-240/32   | t   | 0,5  |  |  |  |  |
| 2612 | 004_UA00131268_0178 | Equipment | electric grids    |  | 0                   | Steel and aluminum cable for hanging lines 35-110 kV         | 0 | CABLE AC-300/39   | t   | 0,5  |  |  |  |  |
| 2613 | 004_UA00131268_0179 | Equipment | electric grids    |  | 0                   | Steel bondage tape SIP                                       | 0 | Steel bondage tape SIP                                    | m   | 2020 |  |  |  |  |
| 2614 | 004_UA00131268_0180 | Equipment | electric grids    |  | 0                   | Steel brace  | 0 | Steel brace   | pcs | 2020 |  |  |  |  |
| 2615 | 004_UA00131268_0181 | Equipment | electric grids    |  | 0                   | Supporting fittings for cables of hanging lines              | 0 | CLAMP PGN-2-6   | pcs | 30   |  |  |  |  |
| 2616 | 004_UA00131268_0182 | Equipment | electric grids    |  | 0                   | Supporting fittings for cables of hanging lines              | 0 | CLAMP PGN-3-5   | pcs | 30   |  |  |  |  |
| 2617 | 004_UA00131268_0183 | Equipment | electric grids    |  | 0                   | Switch   | 0 | RPS-400   | pcs | 199  |  |  |  |  |
| 2618 | 004_UA00131268_0184 | Equipment | electric grids    |  | 0                   | Switch   | 0 | RPS-630   | pcs | 97   |  |  |  |  |
| 2619 | 004_UA00131268_0185 | Equipment | electric grids    |  | 0                   | Switch   | 0 | RPS-250   | pcs | 40   |  |  |  |  |
| 2620 | 004_UA00131268_0186 | Equipment | electric grids    |  | 0                   | Tensioning fittings for hanging lines                        | 0 | CLAMP NB-2-6A   | pcs | 30   |  |  |  |  |
| 2621 | 004_UA00131268_0187 | Equipment | electric grids    |  | 0                   | Tensioning fittings for hanging lines                        | 0 | CLAMP NB-3-6A   | pcs | 30   |  |  |  |  |
| 2622 | 004_UA00131268_0188 | Equipment | electric grids    |  | 0                   | Terminator cable joint 0.4 kV                                | 0 | PKVTP-1 (150-240)   | pcs | 87   |  |  |  |  |
| 2623 | 004_UA00131268_0189 | Equipment | electric grids    |  | 0                   | Terminator cable joint 0.4 kV                                | 0 | PKVTP-1 (70-120)  | pcs | 186  |  |  |  |  |
| 2624 | 004_UA00131268_0190 | Equipment | electric grids    |  | 0                   | Terminator cable joint 10 kV                                 | 0 | 3KNTP-10 70/120   | pcs | 5    |  |  |  |  |
| 2625 | 004_UA00131268_0191 | Equipment | electric grids    |  | 0                   | Terminator cable joint 10 kV                                 | 0 | 3KNTP-10 150/240  | pcs | 6    |  |  |  |  |
| 2626 | 004_UA00131268_0192 | Equipment | electric grids    |  | 0                   | Terminator cable joint 10 kV for cable with paper insulation | 0 | KNTP 10 / 150-240   | pcs | 304  |  |  |  |  |
| 2627 | 004_UA00131268_0193 | Equipment | electric grids    |  | 0                   | Terminator cable joint 10 kV for cable with paper insulation | 0 | KNTP 10 / 70-120  | pcs | 312  |  |  |  |  |
| 2628 | 004_UA00131268_0194 | Equipment | electric grids    |  | 0                   | Terminator cable joint 35 kV                                 | 0 | POLT-42F / 1X1-L16  | set | 30   |  |  |  |  |
| 2629 | 004_UA00131268_0195 | Equipment | electric grids    |  | 0                   | Terminator cable joint up to 1 kV                            | 0 | 4KNTP-1 70/120  | pcs | 4    |  |  |  |  |
| 2630 | 004_UA00131268_0196 | Equipment | electric grids    |  | 0                   | Terminator cable joint up to 1 kV                            | 0 | 4KNTP-135/50  | pcs | 4    |  |  |  |  |

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|------|---------------------|-----------|--------------------|--|------------|---|---|---|-----|-------|--|--|--|--|
| 2631 | 004_UA00131268_0197 | Equipment | Electrical         |  | 0          | TRANSDUCING INSULATORS IP-6 / 400-3.75 UHL 2        | 0 | IP-6 / 400-3.75 UHL 2   | pcs | 12    |  |  |  |  |
| 2632 | 004_UA00131268_0198 | Equipment | Electrical         |  | 0          | Transformer oil T-1500                              | 0 | Transformer oil T-1500  | t   | 10    |  |  |  |  |
| 2633 | 004_UA00131268_0199 | Equipment | Electrical         |  | 0          | Traverse TM-3                                       | 0 | TM-3  | pcs | 218   |  |  |  |  |
| 2634 | 004_UA00131268_0200 | Equipment | Electrical         |  | 0          | Traverse TM211                                      | 0 | TM211   | pcs | 140   |  |  |  |  |
| 2635 | 004_UA00131268_0201 | Equipment | Electrical         |  | 0          | AC cable  | 0 | AC-185/29   | kg  | 2000  |  |  |  |  |
| 2636 | 004_UA00131268_0202 | Equipment | Electrical         |  | 0          | AC cable  | 0 | AC-300/39   | kg  | 2800  |  |  |  |  |
| 2637 | 004_UA00131268_0203 | Equipment | Electrical         |  | 0          | AC cable  | 0 | 50mm  | m   | 1000  |  |  |  |  |
| 2638 | 004_UA00131268_0204 | Equipment | Electrical         |  | 0          | AC cable  | 0 | 35mm  | m   | 1000  |  |  |  |  |
| 2639 | 011_UA23293513_0033 | Equipment | Electrical         | Equipment for 10-0.4 kV overhead power lines | insulators | 110 kV insulation                                   | 0 | PS 70   | pcs | 10000 |  |  |  |  |
| 2640 | 011_UA23293513_0034 | Equipment | Electrical         | Equipment for 10-0.4 kV overhead power lines | insulators | 110 kV insulation                                   | 0 | PSD 70  | pcs | 5000  |  |  |  |  |
| 2641 | 011_UA23293513_0035 | Equipment | telemechanics      |  | 0          | Boxing is assembly                                  | 0 | BM-100 + P 700 × 1000 × 350 mm IP54 with mounting panel   | pcs | 2     |  |  |  |  |
| 2642 | 011_UA23293513_0036 | Equipment | telemechanics      |  | 0          | Digital measuring transducer                        | 0 | SATEC PM130EH PLUS-5-50HZ-H-ACDC-870-DIN-12DIOR-DRC   | pcs | 40    |  |  |  |  |
| 2643 | 011_UA23293513_0037 | Equipment | telemechanics      |  | 0          | Interface converter                                 | 0 | MOXA NPort 5210   | pcs | 2     |  |  |  |  |
| 2644 | 011_UA23293513_0038 | Equipment | telemechanics      |  | 0          | Interface converter                                 | 0 | MOXA NPort 5232   | pcs | 1     |  |  |  |  |
| 2645 | 011_UA23293513_0039 | Equipment | telemechanics      |  | 0          | Radio modem   | 0 | Conel CD-70-UE:   | pcs | 2     |  |  |  |  |
| 2646 | 011_UA23293513_0040 | Equipment | telemechanics      |  | 0          | Uninterruptible power supply                        | 0 | Uninterruptible power supply RPT-2000AP, 1200 W, 4 × EURO (Schuko), AVR, USB (00210194)   | pcs | 2     |  |  |  |  |
| 2647 | 011_UA23293513_0041 | Equipment | telemechanics      |  | 0          | RTU controller                                      | 0 | 540CMD01 R0001 - 1 pcs 520ADD01 R0001 - 1 pcs 520BID01 R0001 - 5 pcs 520BOD01 R0002 - 1 pcs Rel. 12 Basic license open DP, SD - 1 pcs | set | 2     |  |  |  |  |
| 2648 | 011_UA23293513_0042 | Equipment | telemechanics      |  | 0          | Power supply 12 V                                   | 0 | Mean Well AD-55A With UPS 51.38 W, 13.8 V / 3.5 A, 13.4 / 0.23 A  | pcs | 2     |  |  |  |  |
| 2649 | 011_UA23293513_0043 | Equipment | telemechanics      |  | 0          | Power supply 24 V                                   | 0 | NDR-75-24 Power well on Din-rail Mean Well 76.8 watts, 24v, 3.2 A   | pcs | 4     |  |  |  |  |
| 2650 | 011_UA23293513_0044 | Equipment | telemechanics      |  | 0          | Terminals   | 0 | The screw screw modular with the switch in section of 6 mm2 1316  | pcs | 320   |  |  |  |  |
| 2651 | 011_UA23293513_0045 | Equipment | telemechanics      |  | 0          | Terminals   | 0 | The screw terminal modular MRX series on a din-rail with a section of 6 mm2 1032  | pcs | 960   |  |  |  |  |
| 2652 | 011_UA23293513_0046 | Equipment | telemechanics      |  | 0          | Retainer  | 0 | Clamp on DIN rail 1222 ONKA   | pcs | 90    |  |  |  |  |
| 2653 | 011_UA23293513_0047 | Equipment | telemechanics      |  | 0          | DIN rail  | 0 | Din-rail perforated 35 × 15.2 m long  | pcs | 15    |  |  |  |  |
| 2654 | 011_UA23293513_0048 | Equipment | telemechanics      |  | 0          | The box is perforated                               | 0 | The box punched 60 × 60 mm 7185   | m   | 40    |  |  |  |  |
| 2655 | 011_UA23293513_0049 | Equipment | telemechanics      |  | 0          | Control cable                                       | 0 | kVVGng 5 × 1  | km  | 3     |  |  |  |  |
| 2656 | 011_UA23293513_0050 | Equipment | telemechanics      |  | 0          | Control cable                                       | 0 | kVVGng 10 × 1   | km  | 1,5   |  |  |  |  |
| 2657 | 011_UA23293513_0051 | Equipment | telemechanics      |  | 0          | Power cable   | 0 | VVGng 2 × 1.5   | km  | 0,5   |  |  |  |  |
| 2658 | 011_UA23293513_0052 | Equipment | telemechanics      |  | 0          | Power cable   | 0 | PVA 3 × 1.5   | km  | 0,1   |  |  |  |  |
| 2659 | 011_UA23293513_0053 | Equipment | telemechanics      |  | 0          | The pipe is corrugated                              | 0 | Corrugation 32 mm with broach, bay 25 m, 91932 DKS  | pcs | 6     |  |  |  |  |
| 2660 | 011_UA23293513_0054 | Equipment | telemechanics      |  | 0          | The pipe is corrugated                              | 0 | Corrugation 16 mm with broach, bay 100 m, 91916 DKS   | pcs | 4     |  |  |  |  |
| 2661 | 011_UA23293513_0055 | Equipment | telemechanics      |  | 0          | Copper wire   | 0 | PV1 1 × 1.0 mm  | km  | 1,2   |  |  |  |  |
| 2662 | 011_UA23293513_0056 | Equipment | telemechanics      |  | 0          | Copper wire   | 0 | PV1 1 × 1.5 mm  | km  | 0,8   |  |  |  |  |
| 2663 | 011_UA23293513_0057 | Equipment | telemechanics      |  | 0          | Copper wire   | 0 | PV1 1 × 2.5 mm  | km  | 0,8   |  |  |  |  |
| 2664 | 011_UA23293513_0058 | Equipment | telemechanics      |  | 0          | Telecommunication cabinet 42U                       | 0 | Mounting case 42U 600 × 600 (42U600x600GL)  | pcs | 2     |  |  |  |  |
| 2665 | 011_UA23293513_0059 | Equipment | telemechanics      |  | 0          | Optical boxing                                      | 0 | ODF Line 19 " 2U SC48 fiber optic patch panel   | pcs | 2     |  |  |  |  |
| 2666 | 011_UA23293513_0060 | Equipment | telemechanics      |  | 0          | Router  | 0 | MikroTik RB2011UIAS-RM router   | pcs | 2     |  |  |  |  |
| 2667 | 011_UA23293513_0061 | Equipment | telemechanics      |  | 0          | Optical cable in a lightning rod OPGW 32 fibers, SM | 0 | FinMark LT032-SM-OPGW   | km  | 12,4  |  |  |  |  |
| 2668 | 011_UA23293513_0062 | Equipment | telemechanics      |  | 0          | Optical cable DUCT 32 fibers, SM                    | 0 | FinMark LT032-SM-04 fiber optic cable 32  | km  | 0,8   |  |  |  |  |
| 2669 | 011_UA23293513_0063 | Equipment | telemechanics      |  | 0          | Optical coupling Crossover FOSC-PN                  | 0 | FOSC-PN crossover   | pcs | 6     |  |  |  |  |
| 2670 | 011_UA23293513_0064 | Equipment | Electrical         |  | 0          | Tensioner bolts                                     | 0 | NBN-2-6   | pcs | 300   |  |  |  |  |
| 2671 | 011_UA23293513_0065 | Equipment | Electrical         |  | 0          | Tensioner bolts                                     | 0 | NBN-3-6   | pcs | 600   |  |  |  |  |
| 2672 | 011_UA23293513_0066 | Equipment | Electrical         |  | 0          | Tensioner clamps                                    | 0 | US-240-1  | pcs | 90    |  |  |  |  |
| 2673 | 011_UA23293513_0067 | Equipment | Electrical         |  | 0          | Tensioner clamps                                    | 0 | US-330-1  | pcs | 90    |  |  |  |  |
| 2674 | 011_UA23293513_0068 | Equipment | Electrical         |  | 0          | Clippers connecting oval                            | 0 | SOAS-95-3   | pcs | 90    |  |  |  |  |
| 2675 | 011_UA23293513_0069 | Equipment | Electrical         |  | 0          | Clippers connecting oval                            | 0 | SOAS-120-3  | pcs | 90    |  |  |  |  |
| 2676 | 011_UA23293513_0070 | Equipment | Electrical         |  | 0          | Clippers connecting oval                            | 0 | SOAS-150-3  | pcs | 90    |  |  |  |  |
| 2677 | 011_UA23293513_0071 | Equipment | Electrical         |  | 0          | Clippers connecting oval                            | 0 | SOAS-185-3  | pcs | 90    |  |  |  |  |
| 2678 | 011_UA23293513_0072 | Equipment | Electrical         |  | 0          | Crimp connectors                                    | 0 | SAS-240-1   | pcs | 60    |  |  |  |  |
| 2679 | 011_UA23293513_0073 | Equipment | Electrical         |  | 0          | Crimp connectors                                    | 0 | CAC-330-1   | pcs | 30    |  |  |  |  |
| 2680 | 011_UA23293513_0074 | Equipment | Electrical         |  | 0          | Pushers are looped and pressed                      | 0 | PAS-240-2   | pcs | 30    |  |  |  |  |
| 2681 | 011_UA23293513_0075 | Equipment | Electrical         |  | 0          | Pushers are looped and pressed                      | 0 | PAS-300-2   | pcs | 30    |  |  |  |  |
| 2682 | 011_UA23293513_0076 | Equipment | Electrical         |  | 0          | Plate bolt clamps                                   | 0 | PA-4-18   | pcs | 50    |  |  |  |  |
| 2683 | 011_UA23293513_0077 | Equipment | Electrical         |  | 0          | Plate bolt clamps                                   | 0 | PA-5-18   | pcs | 20    |  |  |  |  |
| 2684 | 011_UA23293513_0078 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AZA-120-5   | pcs | 60    |  |  |  |  |
| 2685 | 011_UA23293513_0079 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AZA-150-5   | pcs | 60    |  |  |  |  |
| 2686 | 011_UA23293513_0080 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AZA-185-5   | pcs | 60    |  |  |  |  |
| 2687 | 011_UA23293513_0081 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AZA-240-5   | pcs | 60    |  |  |  |  |
| 2688 | 011_UA23293513_0082 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AZA-300-2   | pcs | 30    |  |  |  |  |
| 2689 | 011_UA23293513_0083 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AAA-120-5   | pcs | 30    |  |  |  |  |
| 2690 | 011_UA23293513_0084 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AAA-150-5   | pcs | 30    |  |  |  |  |
| 2691 | 011_UA23293513_0085 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AAA-185-5   | pcs | 30    |  |  |  |  |
| 2692 | 011_UA23293513_0086 | Equipment | Electrical         |  | 0          | Clamps are hardware pressed                         | 0 | AAA-240-5   | pcs | 30    |  |  |  |  |
| 2693 | 011_UA23293513_0087 | Equipment | Electrical         |  | 0          | Crimping branch clamps                              | 0 | OA-120-1  | pcs | 30    |  |  |  |  |
| 2694 | 011_UA23293513_0088 | Equipment | Electrical         |  | 0          | Crimping branch clamps                              | 0 | OA-150-1  | pcs | 30    |  |  |  |  |
| 2695 | 011_UA23293513_0089 | Equipment | Electrical         |  | 0          | Crimping branch clamps                              | 0 | OA-185-1  | pcs | 30    |  |  |  |  |
| 2696 | 011_UA23293513_0090 | Equipment | Electrical         |  | 0          | Crimping branch clamps                              | 0 | OA-240-1  | pcs | 30    |  |  |  |  |
| 2697 | 011_UA23293513_0091 | Equipment | Electrical         |  | 0          | Crimping branch clamps                              | 0 | OA-300-1  | pcs | 30    |  |  |  |  |
| 2698 | 011_UA23293513_0092 | Equipment | Electrical         |  | 0          | Clamping branch connectors are pressed              | 0 | ROA-185-1   | pcs | 15    |  |  |  |  |
| 2699 | 011_UA23293513_0093 | Equipment | Electrical         |  | 0          | Clamping branch connectors are pressed              | 0 | ROA-240-1   | pcs | 15    |  |  |  |  |
| 2700 | 011_UA23293513_0094 | Equipment | Electrical         |  | 0          | Clamping branch connectors are pressed              | 0 | ROA-300-1   | pcs | 15    |  |  |  |  |
| 2701 | 041_UA20588716_0001 | Equipment | Computer equipment |  | 0          | Laptop  | 0 | Apple MacBook Pro M1 Max Chip 16 "1TB Silver (MK1H3)  | pcs | 1     |  |  |  |  |
| 2702 | 041_UA20588716_0002 | Equipment | Computer equipment |  | 0          | Laptop  | 0 | ASUS ZenBook 14X OLED UX5401EA-L7103T (90N80UQ5-M02670)   | pcs | 7     |  |  |  |  |



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|------|---------------------|-----------|-------------------------------------|---|--|---|---|-----|------|--|--|--|--|--|
| 2703 | 041_UA20588716_0003 | Equipment | Computer equipment                  | 0 | Laptop / Tablet  | 0 | any   | pcs | 10   |  |  |  |  |  |
| 2704 | 041_UA20588716_0004 | Equipment | Photographic equipment              | 0 | Camera   | 0 | SONY Alpha a7S III body   | pcs | 1    |  |  |  |  |  |
| 2705 | 041_UA20588716_0005 | Equipment | Photographic equipment              | 0 | Lens   | 0 | Sony FE 24-105 mm f / 4 G OSS   | pcs | 1    |  |  |  |  |  |
| 2706 | 041_UA20588716_0006 | Equipment | Photographic equipment              | 0 | Camera   | 0 | SONY Alpha a7C Body Black   | pcs | 1    |  |  |  |  |  |
| 2707 | 041_UA20588716_0007 | Equipment | Photographic equipment              | 0 | Lens   | 0 | Tamron 28-75mm f / 2.8 VXD Di III G2  | pcs | 1    |  |  |  |  |  |
| 2708 | 041_UA20588716_0008 | Equipment | Video equipment                     | 0 | Cell   | 0 | GoPro Hero9   | pcs | 1    |  |  |  |  |  |
| 2709 | 041_UA20588716_0009 | Equipment | Photo / video equipment             | 0 | Tripod   | 0 | Manfrotto 055 CARBON FIBER 3-5 TRIPOD   | pcs | 1    |  |  |  |  |  |
| 2710 | 041_UA20588716_0010 | Equipment | Photo / video equipment             | 0 | Video head for a tripod  | 0 | Manfrotto MVHS00AH Fluid (MVHS00AH)   | pcs | 1    |  |  |  |  |  |
| 2711 | 041_UA20588716_0011 | Equipment | Computer equipment                  | 0 | MFP  | 0 | Brother DCP-1602R (DCP1602R1)   | pcs | 1    |  |  |  |  |  |
| 2712 | 041_UA20588716_0012 | Equipment | Computer equipment                  | 0 | Laptop   | 0 | ASUS  | pcs | 1    |  |  |  |  |  |
| 2713 | 041_UA20588716_0013 | Equipment | Thermal imaging binoculars          | 0 | 0  | 0 | Detector: Spectral range 8 - 14 µm; Resolution 640 × 480; Frame rate 50 Hz; Viewing angle 12.5 ° × 9.4 °; NETD ≤ 60mK @ 30 °C; Focus Auto / Electronic focus; Display: HD OLED screen, 800 × 600; Polarity White-heat / black heat; CCD: 1/3 "CCD, 795 (H) × 596 (V) pixels resolution; Viewing angle 10.8 ° × 8.3 °; Information storage: Built-in memory; Storage method Image / video; BMP / AV file format; Memory capacity At least 10,000 photos or 8 hours of video; Protection class IP67; Interface: External power supply Yes; Video output PAL; USB Yes; Adjustment interface 1/4 "-20-UNC; Detection distance: Man (1.7 × 0.5) m 2400 m (standard lens; Car (2.3 × 2.3) m 3300 m (standard volume) objective) | pcs | 3    |  |  |  |  |  |
| 2714 | 041_UA20588716_0014 | Equipment | Computer equipment                  | 0 | Laptops  | 0 | Intel Core min i3, preferably i5 RAM - 8Gb SSD 240Gb 15.6 "1920x1080 Windows 10 OEM   | pcs | 200  |  |  |  |  |  |
| 2715 | 041_UA20588716_0015 | Equipment | Means of protection                 | 0 | Body armor   | 0 | Protection class 4  | pcs | 200  |  |  |  |  |  |
| 2716 | 041_UA20588716_0016 | Equipment | Means of protection                 | 0 | Helmet   | 0 | Protection class 1A   | pcs | 200  |  |  |  |  |  |
| 2717 | 041_UA20588716_0017 | Equipment | Means of protection                 | 0 | Lantern  | 0 | Light beam range not less than 300 m  | pcs | 200  |  |  |  |  |  |
| 2718 | 041_UA20588716_0018 | Equipment | Means of protection                 | 0 | Individual medical kit   | 0 | European standard   | pcs | 1000 |  |  |  |  |  |
| 2719 | 041_UA20588716_0019 | Equipment | Electrical                          | 0 | High-voltage 330 kV capacitor-type inputs with RIP insulation  | 0 | High-voltage inputs like RTF 362-1300 / 1000T KSI (ABB Switzerland Ltd Micafil, Switzerland)  | pcs | 3    |  |  |  |  |  |
| 2720 | 041_UA20588716_0020 | Equipment | Electrical                          | 0 | High-voltage inputs of 110 kV capacitor type with RIP-insulation   | 0 | High-voltage inputs like TRAVESKA TDOI 135k2000A / E300 (MGC Moser Glaser AG, Switzerland)  | pcs | 3    |  |  |  |  |  |
| 2721 | 041_UA20588716_0021 | Equipment | Electrical                          | 0 | SF6 switch 110kV   | 0 | SF6 switch 110 kV type GL312 F1 (AREVA) 126kV, 3150A, 40kA spring drive. FK3-1.   | pcs | 2    |  |  |  |  |  |
| 2722 | 041_UA20588716_0022 | Equipment | Electrical                          | 0 | SF6 switch 330kV   | 0 | SF6 switch of 330 kV type GL315 (Areva) 363 kV, 3200A, 40kA spring drive. FK3-4   | pcs | 2    |  |  |  |  |  |
| 2723 | 041_UA20588716_0023 | Equipment | Electrical                          | 0 | 110 kV surge arresters   | 0 | 110 kV surge arresters type PEXUM R   | pcs | 3    |  |  |  |  |  |
| 2724 | 041_UA20588716_0024 | Equipment | filtering equipment                 | 0 | Filter element 04.RI.4215.SMX VTS 25 or FL33804  | 0 | 0   | pcs | 8    |  |  |  |  |  |
| 2725 | 041_UA20588716_0025 | Equipment | filtering equipment                 | 0 | Filter element FSRS-20 UHL4  | 0 | 0   | pcs | 4    |  |  |  |  |  |
| 2726 | 041_UA20588716_0026 | Equipment | Electrical                          | 0 | Local government panel   | 0 | G306A RED Lion Local Control Panel, Crimson2  | pcs | 2    |  |  |  |  |  |
| 2727 | 041_UA20588716_0027 | Equipment | The module is measuring             | 0 | Module measuring UMT 162 (Universal Measurement Treatment module) Alstom CS-C3, v3.0, code Alstom - C1001820                                   | 0 | 0   | pcs | 1    |  |  |  |  |  |
| 2728 | 041_UA20588716_0028 | Equipment | Pulse thyristor control generator   | 0 | pulse thyristor control generator  | 0 | TTM 211 / IP166 Thyristor Triggering Module REF: L54E60000311, REV: 010, SOFT: v2-2   | pcs | 1    |  |  |  |  |  |
| 2729 | 041_UA20588716_0029 | Equipment | relay                               | 0 | relay  | 0 | Relay CM-SRS.21 3-30mA regulation 0,1-30s 24-240V DC / AC NeSVK430840 R0409   | pcs | 10   |  |  |  |  |  |
| 2730 | 041_UA20588716_0030 | Equipment | Power Supply                        | 0 | Switching power supply   | 0 | Switching power supply Quint-PS-100-240AC / 24DC / 10 2938604   | pcs | 1    |  |  |  |  |  |
| 2731 | 041_UA20588716_0031 | Equipment | Power Supply                        | 0 | Switching power supply   | 0 | Switching power supply Quint-PS-100-240AC / 48DC / 5 2866679  | pcs | 1    |  |  |  |  |  |
| 2732 | 041_UA20588716_0032 | Equipment | Feedback sensor                     | 0 | Feedback sensor  | 0 | Impeller Position (LCD) Feedback Sensor - BALLUFF BTL5-E10 M0500-P-532 054217612 HU MICROPULSE (or new model BALLUFF BTL7-E501-M0500-P-532)   | pcs | 2    |  |  |  |  |  |
| 2733 | 041_UA20588716_0033 | Equipment | Submersible drainage pump           | 0 | Submersible drainage pump  | 0 | Productivity of 25 m / h 380 V  | pcs | 6    |  |  |  |  |  |
| 2734 | 041_UA20588716_0034 | Equipment | Computer equipment                  | 0 | Laptops  | 0 | Intel Core min i3, preferably i5 RAM - 8Gb SSD 240Gb 15.6 "1920x1080 Windows 10 OEM   | pcs | 10   |  |  |  |  |  |
| 2735 | 041_UA20588716_0035 | Equipment | Computer equipment                  | 0 | Wi-Fi routers  | 0 | Wi-Fi version min 802.11ac  | pcs | 3    |  |  |  |  |  |
| 2736 | 041_UA20588716_0036 | Equipment | Computer equipment                  | 0 | BFP  | 0 | A4, print, scan, copy, automatic document feeder, ethernet  | pcs | 5    |  |  |  |  |  |
| 2737 | 041_UA20588716_0037 | Equipment | Computer equipment                  | 0 | Fuser module   | 0 | Fuser unit for Xerox VersaLink 87025 / 87030 / 87035 (115800115)  | pcs | 1    |  |  |  |  |  |
| 2738 | 041_UA20588716_0038 | Equipment | Computer equipment                  | 0 | Print head   | 0 | PF-04 for Canon IPF 670   | pcs | 1    |  |  |  |  |  |
| 2739 | 041_UA20588716_0039 | Equipment | Electricity metering equipment      | 0 | Electric energy meter three-phase electronic multifunction   | 0 | SL700 Smart Accuracy class 0.25   | pcs | 12   |  |  |  |  |  |
| 2740 | 041_UA20588716_0040 | Equipment | Transport                           | 0 | suburban bus   | 0 | Passenger capacity (50-60 people)   | pcs | 1    |  |  |  |  |  |
| 2741 | 041_UA20588716_0041 | Equipment | 48 V guaranteed power supply system | 0 | 48 V guaranteed power supply system  | 0 | batteries, rectifiers, controller type D400G48 / 35-210 BW-PDG  | pcs | 1    |  |  |  |  |  |
| 2742 | 041_UA20588716_0042 | Equipment | Electronic communication equipment  | 0 | Walkie-talkies   | 0 | Portable walkie-talkies with a capacity of 5 watts  | pcs | 30   |  |  |  |  |  |
| 2743 | 041_UA20588716_0043 | Equipment | 0                                   | 0 | Module measuring UMT 162 (Universal measurement treatment Alstom CS-C3) code Alstom C1001820 (module for measuring voltage and stator current) | 0 | Maximum acceptable (constant) volt-age range 10 V Input Impedance 15 Vrms Maximum operating frequency range> 100 pcs, 0 to 125 Hz Operating frequency range 0 to 100 Hz Filter: Type of filter Butterworth 2nd Order Frequency Cut-off 250 Hz Precision in the frequency band: Resolution 14 bits Precision 0.15% nominal (0.2% max)  | pcs | 10   |  |  |  |  |  |
| 2744 | 041_UA20588716_0044 | Equipment | 0                                   | 0 | Module measuring UMT 162 (Universal measurement treatment Alstom CS-C3) code Alstom C1001820 (module for measuring voltage and stator current) | 0 | DIGITAL INPUTS Voltage range 0 to 10 Vdc '0' and 16 to 24 Vdc '1' Maximal operating voltage 36 Vdc Input Impedance 3,3 Kow  | pcs | 10   |  |  |  |  |  |

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| 2745 | 041_UA20588716_0045 | Equipment | 0 |  | 0 | Module measuring UMT 162 (Universal measurement treatment Alstom CS-C3) code Alstom C1001820 (module for measuring voltage and stator current) | 0   | ANALOG OUTPUTS Voltage range 0 to 10 V Maximum current 1 mA Resolution 8 bits Precision 1%  | pcs | 10 |  |  |  |  |  |
| 2746 | 041_UA20588716_0046 | Equipment | 0 |  | 0 | Module measuring UMT 162 (Universal measurement treatment Alstom CS-C3) code Alstom C1001820 (module for measuring voltage and stator current) | 0   | BINARY OUTPUTS Type Open collector Nominal 24 Vdc and maximal 36 Vdc Voltage Maximal current 30 mA  | pcs | 10 |  |  |  |  |  |
| 2747 | 041_UA20588716_0047 | Equipment | 0 |  | 0 | Module measuring UMT 162 (Universal measurement treatment Alstom CS-C3) code Alstom C1001820 (module for measuring voltage and stator current) | 0   | INPUTS / OUTPUTS SAMPLE-EXT Nominal voltage 24 Vdc Detection range 16 Vdc Maximal current 100 mA  | pcs | 10 |  |  |  |  |  |
| 2748 | 041_UA20588716_0048 | Equipment | 0 |  | 0 | Input analog module IC693ALG220J Input analog 4PT voltage (Alstom code C0401700)   | 0   | Voltage Range Calibration: 10 to +10 volts (Factory calibrated) Update Rate Resolution Absolute Ac-curacy 4msec (all four channels) Linearity 5mV / 20µA, (1LBS = 5mV) ± 10mV / 40µA (typical) over operating tempera-ture ± 30mV / 160 µA (maximum) over operating temperature <1 Least Significant Bit Insolation Cross-Channel Rejection Input 1500 volts between field side and logic side> 80 db> 9 Megohms (voltage mode) Impedance 250 ohms (current mode) Input Filter Response 17Hz Internal Power Consumption 27mA from + 5volts bus on the backplane 98 mA from the isolated +24 volts backplane bus   | pcs | 10 |  |  |  |  |  |
| 2749 | 041_UA20588716_0049 | Equipment | 0 |  | 0 | CPU310 CPU310 IC695CPU310-GW RX3i 300 MHz CPU (Alstom code C0406400)   | 0   | Processor 300 MHz Processor Speed Pentium III Processor Type 0.15 microseconds per boolean instruction Typical Scan Rate Type of Memory Storage RAM and Flash Memory 10 Mbytes User Memory (total) 32 Kbits Discrete Input Points -% I and discrete Output Points -% Q configurable up to 32 Kwords% AI and% AQ; configurable up to 4 MBytes% W :: configurable up to 10 MBytes Symbolic Hardware Support Battery Backed Clock 40 days nominal Battery Back Up (Number of months with no power) EZ Program Store Device Two slots CPU module width 12 and 16 slot backplanes, universal slots Total Baseplates per System   | pcs | 12 |  |  |  |  |  |
| 2750 | 041_UA20588716_0050 | Equipment | 0 |  | 0 | CPU310 CPU310 IC695CPU310-GW RX3i 300 MHz CPU (Alstom code C0406400)   | 0   | Battery: backed clock Program storage Up to 10 Mbytes of battery-backed RAM 10 Mbytes of non-volatile flash user memory Power requirements +3.3 VDC: 1.25 Amps nominal +5 VDC: 1.0 Amps nominal Operating Temperature 0 to 60 ° C (32 ° F to 140 ° F) Floating point Boolean execution speed 0.195ms per 1000 typical Boolean contacts / coils Time of Day Clock accuracy: Maximum drift of 2 seconds per day Elapsed Time Clock (internal timing) accuracy 0.01% maximum Embedded communications RS-232, RS-485 Serial Protocols supported Modbus RTU Slave, SNP, Serial I / O Dual backplane bus support: RX3i PCI and 90-30-style serial System designed to be electrically compliant with PCI 2.2 standard Program blocks: Up to 512 program blocks. Maximum size for a block is 128KB. Memory I and Q: 32Kbits for discrete AI and AQ; configurable up to 32Kwords W: configurable up to the maximum available user RAM Symbolic: configurable up to 10 Mbytes | pcs | 12 |  |  |  |  |  |
| 2751 | 041_UA20588716_0051 | Equipment | 0 |  | 0 | Relay  | MiCom P121 (Alstom code 70089KMB) A00A1128C V11-C | 0.1-40lon 1 / 5A Vx 24-60 Vdc   | pcs | 2  |  |  |  |  |  |
| 2752 | 041_UA20588716_0052 | Equipment | 0 |  | 0 | Relay  | MX3IPG2A 11 AREVA                                 | MX3IPG2A 11 AREVA   | pcs | 2  |  |  |  |  |  |
| 2753 | 041_UA20588716_0053 | Equipment | 0 |  | 0 | TTM 211 / IP166 Thyristor Triggering Module  | 0   | Electrical characteristics 24V power supply from 19V to 30V 24V internal consumption 350mA 24V sensor consumption 1A maxi 24VF consumption 1A maxi  | pcs | 4  |  |  |  |  |  |
| 2754 | 041_UA20588716_0054 | Equipment | 0 |  | 0 | IC693BEM341-CD FIP Controller 2.5MHz (communication module) ALSPA C80-35 PLC module, providing FIP communications with other devices           | 0   | Current consumption 1.2 Amps maximum, 800mA typical Operating temperature 0 ° C to 55 ° C Storage temperature -25 ° C to + 70 ° C Humidity 5% to 95% (non condensing) Vibrations and Shocks: 0.2 inch displacements, 5Hz to 10Hz 1G, 10Hz to 200Hz 5G, 10msec duration  | pcs | 4  |  |  |  |  |  |
| 2755 | 041_UA20588716_0055 | Equipment | 0 |  | 0 | IC695ETM001-EJ RX3i Ethernet Module 10/100 MBits, W / Switch (LAN interface module)  | 0   | Ethernet processor speed 200 MHz LAN - Two 10BaseT / 100BaseTX Ports: 8-pin female shielded RJ-45 Connectors - Two, both are 10BaseT / 100BaseTX with auto-sensing RJ-45 connection. Embedded Ethernet Switch - Yes, Allows daisy chaining of Ethernet nodes Serial Port - Station Manager Port: RS-232 DCE, 1200 - 115200 bps.   | pcs | 2  |  |  |  |  |  |
| 2756 | 041_UA20588716_0056 | Equipment | 0 |  | 0 | IC693ALG391G Output Analog 2PT Current (analog output module)  | 0   | Output Current Range 4 to 20 mA and 0 to 20 mA Output Voltage Range 1 to 5 V and 0 to 5 V Supply Voltage (nominal) +24 VDC, from isolated +24 VDC on back-plane or user supplied voltage source, and + 5 VDC from backplane External Supply Voltage Range 20 to 30 VDC Maximum Compliance Voltage 25 V  | pcs | 4  |  |  |  |  |  |
| 2757 | 041_UA20588716_0057 | Equipment | 0 |  | 0 | IC693MDL645H Input 7.5ma 24VDC 16PT POS / NEG Logic (Discrete Input Module)  | 0   | Rated Voltage 24 volts DC Input Voltage Range 0 to +30 volts DC Inputs per Module 16 (one group with a single common) isolation 1500 volts between field side and logic side Input Current 7 mA (typical) at rated voltage Input Characteristics: On-state Voltage 11.5 to 30 volts DC Off-state Voltage 0 to +5 volts DC On-state Current 3.2 mA minimum Off-state Current 1.1 mA maximum On response Time 7 ms typical Off response Time 7 ms typical Power Consumption: 5V - 80 mA (all inputs on) from 5 volt bus on back-plane Power Consumption: 24V - 125 mA from the isolated 24 volt backplane bus or from user supplied power   | pcs | 2  |  |  |  |  |  |
| 2758 | 041_UA20588716_0058 | Equipment | 0 |  | 0 | IC693MDL940J Output Relay 2A 16PT (Discrete Output Module)   | 0   | Rated Voltage 24 volts DC 120/240 AC Operating Voltage: 5 to 30 volts DC 5 to 250 AC 50 / 60Hz Outputs per Module: 16   | pcs | 2  |  |  |  |  |  |

|      |                     |           |  |  |   |   |   |   |     |     |  |  |  |  |  |
|------|---------------------|-----------|--|--|---|---|---|---|-----|-----|--|--|--|--|--|
| 2759 | 041_UA20588716_0059 | Equipment | 0  |  | 0 | Module TPA213 Thyristor Pulse Amplifier<br>Module (pulse amplifier board)               | 0 | Electrical characteristics 24V to 110V with Vp supply management 24V internal consumption (150mA) Protection 2AT fuse on 24V supply input   | pcs | 4   |  |  |  |  |  |
| 2760 | 041_UA20588716_0060 | Equipment | 0  |  | 0 | IC695PSD040F RX3i 40W Power Supply 24VDC (power supply)                                 | 0 | Nominal Rated Voltage 24 VDC Input Voltage Range Start Run 18 to 30 VDC Output Power 12 to 30 VD, 40 Watts maximum total of both outputs. Ride-through time 10 ms This is the length of time the Power Sup-ply maintains outputs if the power source is interrupted. If this Power Sup-ply used with IC694 and IC693 modules that have relay outputs, special precautions should be taken because dropouts in source voltage will be seen by the module and may cause dropouts. Inrush Current 4 Amps, 100 milliseconds maximum * | pcs | 4   |  |  |  |  |  |
| 2761 | 041_UA20588716_0061 | Equipment | 0  |  | 0 | Red Lion Controls, Model G306A, Local Control Panel (human-machine interface)           | 0 | Supply Voltage: +24 VDC ± 20% Typical Power1: 8 W   | pcs | 2   |  |  |  |  |  |
| 2762 | 041_UA20588716_0062 | Equipment | 0  |  | 0 | LGV300 HC2 (cooling compressor pressure sensor)   | 0 | 20-300Pa 1 (0.5) / 250 ~)   | pcs | 3   |  |  |  |  |  |
| 2763 | 041_UA20588716_0063 | Equipment | 0  |  | 0 | NEYRPC T.SLG Unit Processing Controller module  | 0 | 0   | pcs | 1   |  |  |  |  |  |
| 2764 | 041_UA20588716_0064 | Equipment | 0  |  | 0 | Electrohydraulic NEYRPC TR-10 converter   | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2765 | 041_UA20588716_0065 | Equipment | 0  |  | 0 | Power meter TRM3 - 2A-3 ARDETEM   | 0 | 0   | pcs | 1   |  |  |  |  |  |
| 2766 | 041_UA20588716_0066 | Equipment | 0  |  | 0 | Speed sensor IAS122 IAE2010 - FRKG ifm electronic                                       | 0 | 0   | pcs | 4   |  |  |  |  |  |
| 2767 | 041_UA20588716_0067 | Equipment | 0  |  | 0 | NEYRPC T.SLG module Servo positioning controller  | 0 | 0   | pcs | 1   |  |  |  |  |  |
| 2768 | 041_UA20588716_0068 | Equipment | 0  |  | 0 | Linear sensor of movement of the directing device. TEMPOSONICS E-SERIES EPS 1250MD601A1 | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2769 | 041_UA20588716_0069 | Equipment | 0  |  | 0 | Linear TEMPOSONICS G-SERIES GT2M0050MD601A1 guide spool displacement sensor             | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2770 | 041_UA20588716_0070 | Equipment | 0  |  | 0 | TEMPOSONICS G-SERIES GT2M0050MD601A0 Impeller Spool Linear Motion Sensor                | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2771 | 041_UA20588716_0071 | Equipment | 0  |  | 0 | TEMPOSONICS E-SERIES GT2M0340MD601A1 Impeller Movement Sensor                           | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2772 | 041_UA20588716_0072 | Equipment | 0  |  | 0 | AVIOMTEK GOT-3120TL-N-RC operator panel   | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2773 | 041_UA20588716_0073 | Equipment | 0  |  | 0 | Phoenix Contact VL PPC 3000 operator panel  | 0 | 0   | pcs | 5   |  |  |  |  |  |
| 2774 | 041_UA20588716_0074 | Equipment | 0  |  | 0 | APC Auto-matic Transfer Switch  | 0 | 0   | pcs | 2   |  |  |  |  |  |
| 2775 | 041_UA20588716_0075 | Equipment | For protection of generators and block transformers                    |  | 0 | Relay MiCom P343 31AA6M5338J  | 0 | 31AA6M5338J In = 1 / 5A, Vn = 100 / 120V 110-250V DC, 100-240V AC Protection: 87G, 59N, 51V   | pcs | 1   |  |  |  |  |  |
| 2776 | 041_UA20588716_0076 | Equipment | For protection of generators and block transformers                    |  | 0 | Relay MiCom P343 31AE6M5368K  | 0 | 31AE6M5368K In = 1 / 5A, Vn = 100 / 120V 110-250V DC, 100-240V AC Protection: 87G, 59, 51, 21, 32, 46, 27, 40, 50BF   | pcs | 1   |  |  |  |  |  |
| 2777 | 041_UA20588716_0077 | Equipment | For protection of generators and block transformers                    |  | 0 | Relay MiCom P634 8481190P02L05  | 0 | 8481190P02L05 In = 1 / 5A, Vn = 100 / 120V 110-250V DC, 100-240V AC Protection: 87T, 59N, 51NT, 63, 51T, 50BF.  | pcs | 1   |  |  |  |  |  |
| 2778 | 041_UA20588716_0078 | Equipment | For protection of generators and block transformers                    |  | 0 | Relay MiCom P141 31AA6M5430J  | 0 | 31AA6M5430J In = 1 / 5A, Vn = 100 / 120V 110-250V DC, 100-240V AC Protection: 27  | pcs | 1   |  |  |  |  |  |
| 2779 | 041_UA20588716_0079 | Equipment | For protection of generators and block transformers                    |  | 0 | MiCom MVAI24 relay  | 0 | MVAI24 110-250V DC  | pcs | 1   |  |  |  |  |  |
| 2780 | 041_UA20588716_0080 | Equipment | For protection of generators and block transformers                    |  | 0 | MiCom MVAI205 relay   | 0 | MVAI205 110-250V DC   | pcs | 1   |  |  |  |  |  |
| 2781 | 041_UA20588716_0081 | Equipment | For protection of generators and block transformers                    |  | 0 | Relay MiCom P139 56900040-307-412-614-721-462-921-805                                   | 0 | 56900040-307-412-614-721-462-921-805 In = 1 / 5A, Vn = 100 / 120V 110-250V DC, 100-240V AC  | pcs | 1   |  |  |  |  |  |
| 2782 | 041_UA20588716_0082 | Equipment | 0  |  | 0 | Ogi elements (stationary lead-acid rechargeable batteries Classic Ogi)                  | 0 | Ogi elements, type 12 Ogi 620 LA, serial number NVFP020620WCOMA, voltage 2 V, capacity 620 Agod, length 166 mm, width 206 mm, height 528 mm, mounting length 176 mm, weight with electrolyte 40.0 kg, weight of electrolyte 9, 4 kg, internal resistance 0.29 mΩ, short-circuit current 7050 A, pin type M-M12, number of pole pairs 1  | pcs | 216 |  |  |  |  |  |
| 2783 | 041_UA20588716_0083 | Equipment | 0  |  | 0 | Liebherr truck crane of 50 t  | 0 | Dimensions: length 12.4 m, height 3.8 m, width 2.5 m. Weight with a telescopic boom 36 t. Crane installation: load capacity 50 t (with a boom departure 3 m), maximum reach 38 m, lifting height 35 m Basic Liebherr chassis model, 6x6x6 wheel formula, 367 hp engine power  | pcs | 1   |  |  |  |  |  |
| 2784 | 041_UA20588716_0084 | Equipment | Spare parts for pumping equipment                                      |  | 0 | Pump coupling   | 0 | GRUNDFOS HS350-250-630 / 573 5/1-FA-BBVP2 200/6 - HS, 90D 79.375-85   | kit | 1   |  |  |  |  |  |
| 2785 | 041_UA20588716_0085 | Equipment | Spare parts for pumping equipment                                      |  | 0 | Pump seals  | 0 | GRUNDFOS HS 350-250-630 / 573 8BV9 MODEL A98496032P213390005  | kit | 1   |  |  |  |  |  |
| 2786 | 041_UA20588716_0086 | Equipment | Spare parts for cranes   |  | 0 | Spare parts to the crane of the gantry KK 420+ 420 + 16 engine hall                     | 0 | Brake of the main lifting of the crane - BCNDB 1300 B   | kit | 2   |  |  |  |  |  |
| 2787 | 041_UA20588716_0087 | Equipment | Spare parts for pumping equipment                                      |  | 0 | Seal of the CALPEDA NM 50/20 BE pump of system of pneumoeconomy of the SK mode          | 0 | Seal of the CALPEDA NM 50/20 BE pump  | kit | 1   |  |  |  |  |  |
| 2788 | 041_UA20588716_0088 | Equipment | Spare parts for cranes   |  | 0 | Spare parts for the crane of the gantry KK 125 + 10 engine room                         | 0 | Brake of the main lifting of the crane - SNOB 1000 V  | kit | 1   |  |  |  |  |  |
| 2789 | 041_UA20588716_0089 | Equipment | Spare parts for compressors  |  | 0 | Spare parts for the WH 50H3N compressor of the SC mode                                  | 0 | The cylinder of the first stage of the compressor WH 50H3N - 2 01-88.0.01   | pcs | 1   |  |  |  |  |  |
| 2790 | 041_UA20588716_0090 | Equipment | Spare parts for overhaul of the VD-1 switch like HECS-130XL (ABB firm) |  | 0 | 0   | 0 | The list of spare parts for overhaul of the VD-1 switch of the HECS-130XL type (ABB firm) - see tab "Spare parts for VD switches"   | kit | 1   |  |  |  |  |  |

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|------|---------------------|-----------|---|---------------------|---|---|--|-----|----|--|--|--|--|--|
| 2791 | 041_UA20588716_0091 | Equipment | Spare parts for overhaul of the VD-3 switch like HECS-130XLr (ABB firm) | 0                   | 0   | 0 | The list of spare parts for overhaul of the VD-3 switch of the HECS-130XLr type (ABB firm) - see tab "Spare parts for VD switches"   | kit | 1  |  |  |  |  |  |
| 2792 | 041_UA20588716_0092 | Equipment | Pumping equipment   | 0                   | Borehole pump GRUNDFOS SQ 3-80 (96510208)   | 0 | Borehole pump GRUNDFOS SQ 3-80 (96510208): single-phase, voltage 230 V, power 2.32 kW, maximum productivity 4.4 m³/h, maximum pressure 110 m, insulation class F, degree of protection IP58, weight 5.85 kg. | pcs | 6  |  |  |  |  |  |
| 2793 | 041_UA20588716_0093 | Equipment | Computer equipment  | 0                   | Dell Latitude 5425 Technology Computer for ABB FOX-515 Multiplexers and Protection Kits   | 0 | Intel® Core™ i5-8350U, vPro® 16 GB, 2 x 8 GB, DDR4 1 TB, 7200 RPM 14" FHD WVA (1920 x 1080) RS232 Windows 10 pro   | pcs | 5  |  |  |  |  |  |
| 2794 | 041_UA20588716_0094 | Equipment | Computer equipment  | 0                   | DELL Precision 5550 process computer for ABB FOX-515 multiplexers and protection kits   | 0 | Intel® Core™ i7 16 GB, 2 x 8 GB, DDR4 SSD 512Gb 15.6" WUXGA (1920 x 1200) Windows 10 pro   | pcs | 20 |  |  |  |  |  |
| 2795 | 041_UA20588716_0095 | Equipment | Electrical  | 0                   | ABB Drive Control VAE-14 1HC0026292R0202 Rev. AH  | 0 | 0  | pcs | 10 |  |  |  |  |  |
| 2796 | 041_UA20588716_0096 | Equipment | Electrical  | 0                   | ABB Drive Control BAC-14 1HC0026292R0102 Rev. AH  | 0 | 0  | pcs | 10 |  |  |  |  |  |
| 2797 | 041_UA20588716_0097 | Equipment | Fire extinguishing system   | 0                   | Address-analog control panel TELEFIRE Fire & Gas Detectors ADR-3000   | 0 | 0  | pcs | 3  |  |  |  |  |  |
| 2798 | 041_UA20588716_0098 | Equipment | Fire extinguishing system   | 0                   | Linear card for two loops TELEFIRE Fire & Gas Detectors ADR-3002C   | 0 | 0  | pcs | 3  |  |  |  |  |  |
| 2799 | 041_UA20588716_0099 | Equipment | Fire extinguishing system   | 0                   | TELEFIRE Fire & Gas Detectors LON-3000 network communication module   | 0 | 0  | pcs | 4  |  |  |  |  |  |
| 2800 | 041_UA20588716_0100 | Equipment | Fire extinguishing system   | 0                   | TCP / IP TELEFIRE Fire & Gas Detectors NET-3000 communication module  | 0 | 0  | pcs | 4  |  |  |  |  |  |
| 2801 | 041_UA20588716_0101 | Equipment | Communication system  | 0                   | KENWOOD VHF NX-3220-E (NEXEDGE)   | 0 | KENWOOD VHF NX-3220-E radio station (NEXEDGE) + KENWOOD KNB-57L (A) battery + KENWOOD KSC-25LS charger   | pcs | 30 |  |  |  |  |  |
| 2802 | 041_UA20588716_0102 | Equipment | Protection terminal   | Backup power plants | General Electric G-60   | 0 | Order: G60U03H5HFLH6DM8LP6CU6CW6C  | pcs | 2  |  |  |  |  |  |
| 2803 | 041_UA20588716_0103 | Equipment | Protection terminal   | 0                   | Scheider Electric (Micom) P633  | 0 | Order: P633-849911F0-310-415-651-462-921-805   | pcs | 2  |  |  |  |  |  |
| 2804 | 041_UA20588716_0104 | Equipment | Protection terminal   | 0                   | Scheider Electric (Micom) P634  | 0 | Order: P634-849911H0-310-410-651-462-921-805   | pcs | 2  |  |  |  |  |  |
| 2805 | 041_UA20588716_0105 | Equipment | Protection terminal   | 0                   | ABB REG670  | 0 | Order: 2644622-100   | pcs | 2  |  |  |  |  |  |
| 2806 | 041_UA20588716_0106 | Equipment | Protection terminal   | 0                   | ABB RET670  | 0 | Order: 2644622-200   | pcs | 2  |  |  |  |  |  |
| 2807 | 041_UA20588716_0107 | Equipment | Protection terminal   | 0                   | Scheider Electric (Micom) P437  | 0 | Order: P437-849042H0-313-415-662-701-462-971   | pcs | 2  |  |  |  |  |  |
| 2808 | 041_UA20588716_0108 | Equipment | Protection terminal   | Backup power plants | General Electric L-60   | 0 | Order: L60J03HTF8PH4dL8FN6US6KU6UW7I   | pcs | 2  |  |  |  |  |  |
| 2809 | 041_UA20588716_0109 | Equipment | Protection terminal   | 0                   | ABB REL670  | 0 | Order: 2243808-300   | pcs | 2  |  |  |  |  |  |
| 2810 | 041_UA20588716_0110 | Equipment | Protection terminal   | 0                   | Siemens 7SA   | 0 | Order: 75A5221-6D892-4FA4 / GG   | pcs | 2  |  |  |  |  |  |
| 2811 | 041_UA20588716_0111 | Equipment | Protection terminal   | 0                   | ABB REF-615   | 0 | Order: HBFBAAAEANB1BAN1XB  | pcs | 2  |  |  |  |  |  |
| 2812 | 041_UA20588716_0112 | Equipment | Electrical  | 0                   | CONVERTEAM MODULE SCA 602A: MESURE COURANT  | 0 | Order: 143210602   | pcs | 2  |  |  |  |  |  |
| 2813 | 041_UA20588716_0113 | Equipment | Electrical  | 0                   | CONVERTEAM MODULE SCN 666   | 0 | Order: 143300666   | pcs | 2  |  |  |  |  |  |
| 2814 | 041_UA20588716_0114 | Equipment | Electrical  | 0                   | CONVERTEAM CARTE PIB 310AT HR module  | 0 | Order: 143400931   | pcs | 2  |  |  |  |  |  |
| 2815 | 041_UA20588716_0115 | Equipment | Electrical  | 0                   | Module SPCH CONVERTEAM MODULE PIB 101C ENTREES ANALOGIQUES AVEC TRAITEMENT  | 0 | Order: 143430101   | pcs | 2  |  |  |  |  |  |
| 2816 | 041_UA20588716_0116 | Equipment | Electrical  | 0                   | Modul SPCH CONVERTEAM MODULE PIB 100E UT SANS INTERFACE OPTIQUE   | 0 | Order: 143450100   | pcs | 2  |  |  |  |  |  |
| 2817 | 041_UA20588716_0117 | Equipment | Electrical  | 0                   | Module SPCH CONVERTEAM MODULE PIB 100G UT AVEC INTERFACE OPTIQUE  | 0 | Order: 143470100   | pcs | 2  |  |  |  |  |  |
| 2818 | 041_UA20588716_0118 | Equipment | Electrical  | 0                   | Module SPCH CONVERTEAM VME CPU CARTE Pentium-M @ 1.6Ghz, 1 GB DRAM, REF: VP 325 / 022-23U VME a 3 Rangées REF: VP 325 / 022-23T | 0 | Order: 144000690   | pcs | 2  |  |  |  |  |  |
| 2819 | 041_UA20588716_0119 | Equipment | Electrical  | 0                   | CONVERTEAM MODULE T1B PIB 504 module  | 0 | Order: 143400504   | pcs | 2  |  |  |  |  |  |

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|------|---------------------|-----------|----------------------|---|---|---|--|-----|------|--|--|--|--|--|
| 2820 | 041_UA20588716_0120 | Equipment | Electrical           | 0 | TRACO POWER ALIMENTATION REGULEE AC / DC 85 / 264V 47/63 Hz 24V 3A REF module: TXL 070-245  | 0 | Order: 121101308   | pcs | 2    |  |  |  |  |  |
| 2821 | 041_UA20588716_0121 | Equipment | Electrical           | 0 | Module HRC TRACO POWER ALIMENTATION REGULEE AC / DC 85 / 264V 47/63 Hz 24V 1,1A REF: TXL 025-245  | 0 | Order: 1121101330  | pcs | 2    |  |  |  |  |  |
| 2822 | 041_UA20588716_0122 | Equipment | Electrical           | 0 | PHOENIX CONTACT ALIMENTATION TYPE module: QUINT-PS-100-240AC / 24VDC / 5 REF: 29 38 58 1  | 0 | Order: 120101112   | pcs | 2    |  |  |  |  |  |
| 2823 | 041_UA20588716_0123 | Equipment | Electrical           | 0 | PHOENIX CONTACT ALIMENTATION TYPE module: MINI-PS-100-45 / 65Hz 240VAC / 24VDC / 1A REF: 2938840  | 0 | Order: 120101115   | pcs | 2    |  |  |  |  |  |
| 2824 | 041_UA20588716_0124 | Equipment | Electrical           | 0 | ALSTOM SCA-602A excitation system module  | 0 | 0  | pcs | 2    |  |  |  |  |  |
| 2825 | 041_UA20588716_0125 | Equipment | Electrical           | 0 | Telemechanique HRM module XMLR010G0725  | 0 | 0  | pcs | 2    |  |  |  |  |  |
| 2826 | 041_UA20588716_0126 | Equipment | Computer equipment   | 0 | Internet Switch TP-Link TL-SG1008D  | 0 | 0  | pcs | 10   |  |  |  |  |  |
| 2827 | 041_UA20588716_0127 | Equipment | Computer equipment   | 0 | HP 3600-24-PoE + v2 EI Switch (JG301A)  | 0 | 0  | pcs | 5    |  |  |  |  |  |
| 2828 | 041_UA20588716_0128 | Equipment | Computer equipment   | 0 | HP 3600-48-PoE + JG302A Switch  | 0 | 0  | pcs | 5    |  |  |  |  |  |
| 2829 | 041_UA20588716_0129 | Equipment | Computer equipment   | 0 | Network transceivers FCLF-8521-3-HC Finisar 1.25Gbps 1000Base-T Copper 100m RJ-45 Connector SFP Transceiver Module                                | 0 | 0  | pcs | 10   |  |  |  |  |  |
| 2830 | 041_UA20588716_0130 | Equipment | Computer equipment   | 0 | Network Transceivers 1990-4065 HP ProCurve X132 J9150A 10Gbps 10GBase-SR Multi-mode Fiber 300m 850nm Duplex LC Connector SFP + Transceiver Module | 0 | 0  | pcs | 10   |  |  |  |  |  |
| 2831 | 041_UA20588716_0131 | Equipment | Materials            | 0 | HidroBloc Rapid 570 two-component highly reactive polyurethane-hybrid rubber (component A + B)  | 0 | 0  | kg  | 1500 |  |  |  |  |  |
| 2832 | 041_UA20588716_0132 | Equipment | Materials            | 0 | Composition for washing equipment and maintenance of injection equipment HydroSolx520   | 0 | 0  | kg  | 500  |  |  |  |  |  |
| 2833 | 041_UA20588716_0133 | Equipment | Materials            | 0 | Conservation of HidroMoll 522 equipment   | 0 | 0  | kg  | 80   |  |  |  |  |  |
| 2834 | 041_UA20588716_0134 | Equipment | Materials            | 0 | The hydrophobizing mix for laying of injection holes of Seal Fix 930 (component A + B)  | 0 | 0  | kg  | 11   |  |  |  |  |  |
| 2835 | 041_UA20588716_0135 | Equipment | Computer equipment   | 0 | Plotter color (A0 format)   | 0 | 0  | pcs | 1    |  |  |  |  |  |
| 2836 | 041_UA20588716_0136 | Equipment | Computer equipment   | 0 | Laptops   | 0 | Intel Core min i3, preferably i5 RAM - 8Gb SSD 240Gb 15.6 "1920x1080 Windows 10 OEM  | pcs | 30   |  |  |  |  |  |
| 2837 | 041_UA20588716_0137 | Equipment | Mechanical equipment | 0 | Compressor  | 0 | Motor power 55 kW Motor voltage: 0.4 kV Motor supply: three-phase, 50 Hz Power supply of control circuits 220 V, 50 Hz Operating pressure range 5-10 bar Productivity: 9.5 m³ / min at 10 bar Type: screw oil-filled Cooling: air Protection class: IP55 | pcs | 4    |  |  |  |  |  |
| 2838 | 041_UA20588716_0138 | Equipment | Mechanical equipment | 0 | Compressor  | 0 | Motor power 315 kW Motor voltage: 0.4 kV Motor power: three-phase, 50 Hz Power supply control circuits 220 V, 50 Hz Operating pressure range 4-8 bar Productivity: 40 m³ / min at 8 bar Type: screw oil-filled Cooling: air Class protection: IP55       | pcs | 4    |  |  |  |  |  |
| 2839 | 041_UA20588716_0139 | Equipment | Mechanical equipment | 0 | Compressor  | 0 | Motor power 55 kW Motor voltage: 0.4 kV Motor supply: three-phase, 50 Hz Power supply control circuits 220 V, 50 Hz Operating pressure range 40 bar Productivity: 3 m³ / min at 40 bar Type: piston Cooling: air Protection class: IP55                  | pcs | 2    |  |  |  |  |  |
| 2840 | 041_UA20588716_0140 | Equipment | Mechanical equipment | 0 | Submersible pumps   | 0 | Motor power 55 kW Motor voltage: 0.4 kV Motor supply: three-phase, 50 Hz Productivity: 750 m³ / h Pressure: 21 m. Pumping medium: drainage water Number of starts per hour: >10 Protection class: IP68   | pcs | 4    |  |  |  |  |  |
| 2841 | 041_UA20588716_0141 | Equipment | Electrical           | 0 | Compressor for SF6 switch NEI-3   | 0 | Operating pressure: 11 bar Productivity 35 dm³ / min Compressed air unit: 2500L  | pcs | 4    |  |  |  |  |  |
| 2842 | 041_UA20588716_0142 | Equipment | Electrical           | 0 | Current transformer   | 0 | Voltage: 172 kV Transformation factor: 2000/5 Number of secondary windings: 6 (0.25; 0.25; 0.5; 3P; 3P)  | pcs | 3    |  |  |  |  |  |
| 2843 | 041_UA20588716_0143 | Equipment | Electrical           | 0 | Current transformer   | 0 | Voltage: 172 kV Transformation factor: 1200/5 Number of secondary windings: 6 (0.25; 0.25; 0.5; 3P; 3P)  | pcs | 3    |  |  |  |  |  |
| 2844 | 041_UA20588716_0144 | Equipment | Electrical           | 0 | Current transformer   | 0 | Voltage: 362 kV Transformation factor: 2000/1 Number of secondary windings: 6 (0.25; 0.25; 0.5; 3P; 3P)  | pcs | 3    |  |  |  |  |  |
| 2845 | 041_UA20588716_0145 | Equipment | Electrical           | 0 | Voltage transformer   | 0 | Voltage: 172 kV Transformation factor: 154000 / V3 / 100 / V3 / 100 / V3 / 100 Number of secondary windings: 4 (0.25; 0.25; 3P; 3P)  | pcs | 3    |  |  |  |  |  |
| 2846 | 041_UA20588716_0146 | Equipment | Electrical           | 0 | Voltage transformer   | 0 | Voltage: 362 kV Transformation factor: 330000 / V3 / 100 / V3 / 100 / V3 / 100 Number of secondary windings: 4 (0.25; 0.25; 3P; 3P)  | pcs | 3    |  |  |  |  |  |
| 2847 | 041_UA20588716_0147 | Equipment | Measuring equipment  | 0 | OMICRON CMC356 measuring set  | 0 | 6 x 32 A / 430 VA 3 x 64 A / 860 VA 1 x 128 A / 1000 VA 4 x 300 V  | pcs | 1    |  |  |  |  |  |
| 2848 | 041_UA20588716_0148 | Equipment | Measuring equipment  | 0 | OMICRON CMC353 measuring set  | 0 | 3 x 32 A / 430 VA 1 x 64 A / 860 VA 4 x 300 V  | pcs | 1    |  |  |  |  |  |
| 2849 | 041_UA20588716_0149 | Equipment | Measuring equipment  | 0 | OMICRON CMControl P control panel   | 0 | 0  | pcs | 2    |  |  |  |  |  |
| 2850 | 041_UA20588716_0150 | Equipment | Measuring equipment  | 0 | Installation for testing of hydrogenators of rectified voltage BAUR PGK 50 E  | 0 | 0  | pcs | 1    |  |  |  |  |  |
| 2851 | 041_UA20588716_0151 | Equipment | Measuring equipment  | 0 | Installation for testing cable lines made of cross-linked polyethylene BAUR Frida   | 0 | 0  | pcs | 1    |  |  |  |  |  |

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| 2852 | 041_UA20588716_0152 | Equipment | Management systems |   | 0               | operator panel   | 0 | Panel Mount PS, 19 INCH Display, Windows 10 IoT Ent 2019 LTSC x64.   | pcs | 3    |  |  |  |  |
| 2853 | 041_UA20588716_0153 | Equipment | Management systems |   | 0               | Operator station | 0 | DROP250 DELL OptiPlex XE3 Dual Monitors Windows 10 LTSC + Dell Pro Stereo Soundbar AES15M - 2 PCS  | pcs | 3    |  |  |  |  |
| 2854 | 041_UA20588716_0154 | Equipment | Management systems |   | 0               | Power Supply     | 0 | SYS BRAVO ALC 230VAC CE 220VDC EPC 01M 045 FIX STD 19600MM T25 ETN complete with one 2.5 kVA BRAVO TSI-EPC 220VDC-230VAC inductor module | pcs | 4    |  |  |  |  |
| 2855 | 041_UA20588716_0155 | Equipment | Management systems |   | 0               | Manual bypass    | 0 | SYS BRAVO 2.5 kVA  | pcs | 4    |  |  |  |  |
| 2856 | 041_UA20588716_0156 | Equipment | Management systems |   | 0               | Hard drive       | 0 | 600GB 10K RPM SAS 12Gbps 512m 2.5inch HD drive (400-A5G5)  | pcs | 4    |  |  |  |  |
| 2857 | 041_UA20588716_0157 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PvEVng-6 cable 3x50 / 25   | m   | 1000 |  |  |  |  |
| 2858 | 041_UA20588716_0158 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PvEVng-6 cable 3x70 / 25   | m   | 1000 |  |  |  |  |
| 2859 | 041_UA20588716_0159 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PvEVng-6 cable 3x95 / 25   | m   | 1000 |  |  |  |  |
| 2860 | 041_UA20588716_0160 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PvEVng-6 cable 3x120 / 25  | m   | 1000 |  |  |  |  |
| 2861 | 041_UA20588716_0161 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | CG cable in rubber insulation 5x35   | m   | 1000 |  |  |  |  |
| 2862 | 041_UA20588716_0162 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng cable 4x2.5  | m   | 2000 |  |  |  |  |
| 2863 | 041_UA20588716_0163 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x4 cable  | m   | 1000 |  |  |  |  |
| 2864 | 041_UA20588716_0164 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x6 cable  | m   | 1000 |  |  |  |  |
| 2865 | 041_UA20588716_0165 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x10 cable   | m   | 1000 |  |  |  |  |
| 2866 | 041_UA20588716_0166 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng cable 4x16   | m   | 1000 |  |  |  |  |
| 2867 | 041_UA20588716_0167 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng cable 4x25   | m   | 1000 |  |  |  |  |
| 2868 | 041_UA20588716_0168 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x35 cable   | m   | 1000 |  |  |  |  |
| 2869 | 041_UA20588716_0169 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x50 cable   | m   | 1000 |  |  |  |  |
| 2870 | 041_UA20588716_0170 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x70 cable   | m   | 1000 |  |  |  |  |
| 2871 | 041_UA20588716_0171 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng cable 4x95   | m   | 1000 |  |  |  |  |
| 2872 | 041_UA20588716_0172 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x120 cable  | m   | 1000 |  |  |  |  |
| 2873 | 041_UA20588716_0173 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x150 cable  | m   | 1000 |  |  |  |  |
| 2874 | 041_UA20588716_0174 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | VVGng 4x240 cable  | m   | 1000 |  |  |  |  |
| 2875 | 041_UA20588716_0175 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PVC wire 4x2.5   | m   | 1000 |  |  |  |  |
| 2876 | 041_UA20588716_0176 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable           | Cable            | 0 | PVC wire 4x4   | m   | 1000 |  |  |  |  |
| 2877 | 041_UA20588716_0177 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling connecting 10-20 kV 3PSt-10-20-25 / 50  | pcs | 10   |  |  |  |  |
| 2878 | 041_UA20588716_0178 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling connecting 10-20 kV 3PSt-10-20-70 / 120   | pcs | 30   |  |  |  |  |
| 2879 | 041_UA20588716_0179 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling final 10-20kV 3PKNtp-10-20-25 / 50  | pcs | 10   |  |  |  |  |
| 2880 | 041_UA20588716_0180 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling final 10-20kV 3PKNtp-10-20-70 / 120   | pcs | 30   |  |  |  |  |
| 2881 | 041_UA20588716_0181 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling connecting 1 kV 4Stp 25-50  | pcs | 60   |  |  |  |  |
| 2882 | 041_UA20588716_0182 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling connecting 1 kV 4Stp 70-120   | pcs | 60   |  |  |  |  |
| 2883 | 041_UA20588716_0183 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | cable couplings | Clutch           | 0 | Coupling connecting 1 kV 4Stp 150-240  | pcs | 40   |  |  |  |  |
| 2884 | 041_UA20588716_0184 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M16 tip  | pcs | 100  |  |  |  |  |
| 2885 | 041_UA20588716_0185 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M25 tip  | pcs | 100  |  |  |  |  |
| 2886 | 041_UA20588716_0186 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M35 tip  | pcs | 100  |  |  |  |  |
| 2887 | 041_UA20588716_0187 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M50 tip  | pcs | 100  |  |  |  |  |
| 2888 | 041_UA20588716_0188 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M70 tip  | pcs | 100  |  |  |  |  |
| 2889 | 041_UA20588716_0189 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M95 tip  | pcs | 100  |  |  |  |  |
| 2890 | 041_UA20588716_0190 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M120 tip   | pcs | 100  |  |  |  |  |
| 2891 | 041_UA20588716_0191 | Equipment | Electrical         | Equipment of cable power lines of 10-0.4 kV | tips            | tip              | 0 | M240 tip   | pcs | 100  |  |  |  |  |
| 2892 | 041_UA20588716_0192 | Equipment | Electrical         |   | 0               | clamp            | 0 | SAS 240-3B clamp   | pcs | 100  |  |  |  |  |
| 2893 | 041_UA20588716_0193 | Equipment | Electrical         |   | 0               | clamp            | 0 | SAS 300-1B clamp   | pcs | 100  |  |  |  |  |
| 2894 | 041_UA20588716_0194 | Equipment | Electrical         |   | 0               | clamp            | 0 | Detachable clamp ROA-300-1   | pcs | 100  |  |  |  |  |
| 2895 | 041_UA20588716_0195 | Equipment | Electrical         |   | 0               | clamp            | 0 | Detachable clamp ROA-240-1   | pcs | 100  |  |  |  |  |
| 2896 | 041_UA20588716_0196 | Equipment | Electrical         |   | 0               | clamp            | 0 | Clamp NAS-330-1  | pcs | 100  |  |  |  |  |

|      |                     |           |                          |  |   |                                |   |  |     |      |  |  |  |  |
|------|---------------------|-----------|--------------------------|--|---|--------------------------------|---|--|-----|------|--|--|--|--|
| 2897 | 041_UA20588716_0197 | Equipment | Electrical               |  | 0 | clamp                          | 0 | Clamp NAS-300-1  | pcs | 100  |  |  |  |  |
| 2898 | 041_UA20588716_0198 | Equipment | Electrical               |  | 0 | clamp                          | 0 | Clamp NAS-240-1  | pcs | 100  |  |  |  |  |
| 2899 | 041_UA20588716_0199 | Equipment | Electrical               |  | 0 | insulator                      | 0 | LKC insulator 70 / 150-3   | pcs | 100  |  |  |  |  |
| 2900 | 041_UA20588716_0200 | Equipment | Electrical               |  | 0 | insulator                      | 0 | LKC insulator 120 / 150-3  | pcs | 100  |  |  |  |  |
| 2901 | 041_UA20588716_0201 | Equipment | Electrical               |  | 0 | insulator                      | 0 | LKC 300 / 330-3 insulator  | pcs | 100  |  |  |  |  |
| 2902 | 041_UA20588716_0202 | Equipment | Electrical               |  | 0 | insulator                      | 0 | Insulator basic C8-1050-I-M UHL1   | pcs | 100  |  |  |  |  |
| 2903 | 041_UA20588716_0203 | Equipment | Electrical               |  | 0 | wire                           | 0 | ASO-240 wire   | m   | 1000 |  |  |  |  |
| 2904 | 041_UA20588716_0204 | Equipment | Electrical               |  | 0 | wire                           | 0 | ASO-300 wire   | m   | 1000 |  |  |  |  |
| 2905 | 041_UA20588716_0205 | Equipment | Electrical               |  | 0 | Switch                         | 0 | ETI ETIBREAK 2 100A circuit breaker  | pcs | 20   |  |  |  |  |
| 2906 | 041_UA20588716_0206 | Equipment | Electrical               |  | 0 | Switch                         | 0 | ETI ETIBREAK 2 160A circuit breaker  | pcs | 20   |  |  |  |  |
| 2907 | 041_UA20588716_0207 | Equipment | Electrical               |  | 0 | Switch                         | 0 | ETI ETIBREAK 2 200A circuit breaker  | pcs | 20   |  |  |  |  |
| 2908 | 041_UA20588716_0208 | Equipment | Electrical               |  | 0 | Switch                         | 0 | ETI ETIBREAK 2 250A circuit breaker  | pcs | 20   |  |  |  |  |
| 2909 | 041_UA20588716_0209 | Equipment | Electrical               |  | 0 | Switch                         | 0 | ETI ETIBREAK 2 400A circuit breaker  | pcs | 20   |  |  |  |  |
| 2910 | 041_UA20588716_0210 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 10A   | pcs | 100  |  |  |  |  |
| 2911 | 041_UA20588716_0211 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 16A   | pcs | 100  |  |  |  |  |
| 2912 | 041_UA20588716_0212 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 25A   | pcs | 100  |  |  |  |  |
| 2913 | 041_UA20588716_0213 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 32A   | pcs | 100  |  |  |  |  |
| 2914 | 041_UA20588716_0214 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 40A   | pcs | 100  |  |  |  |  |
| 2915 | 041_UA20588716_0215 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 1p 63A   | pcs | 100  |  |  |  |  |
| 2916 | 041_UA20588716_0216 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 10A   | pcs | 100  |  |  |  |  |
| 2917 | 041_UA20588716_0217 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 16A   | pcs | 100  |  |  |  |  |
| 2918 | 041_UA20588716_0218 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 25A   | pcs | 100  |  |  |  |  |
| 2919 | 041_UA20588716_0219 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 32A   | pcs | 100  |  |  |  |  |
| 2920 | 041_UA20588716_0220 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 40A   | pcs | 100  |  |  |  |  |
| 2921 | 041_UA20588716_0221 | Equipment | Electrical               |  | 0 | Switch                         | 0 | Circuit breaker 3p 63A   | pcs | 100  |  |  |  |  |
| 2922 | 041_UA20588716_0222 | Equipment | Electrical               |  | 0 | Electric motor                 | 0 | The electric motor is asynchronous 2,2 kW 1500 rpm                                 | pcs | 5    |  |  |  |  |
| 2923 | 041_UA20588716_0223 | Equipment | Electrical               |  | 0 | Electric motor                 | 0 | The electric motor is asynchronous 3,5-4,5 kW 960 rpm                              | pcs | 5    |  |  |  |  |
| 2924 | 041_UA20588716_0224 | Equipment | Electrical               |  | 0 | Electric motor                 | 0 | Asynchronous electric motor 55 kW 1500 rpm   | pcs | 5    |  |  |  |  |
| 2925 | 041_UA20588716_0225 | Equipment | Electrical               |  | 0 | Compressor                     | 0 | Metabo Mega 700-900 compressor, 4000W, 380V  | pcs | 5    |  |  |  |  |
| 2926 | 041_UA20588716_0226 | Equipment | Electrical               |  | 0 | Tal                            | 0 | Hoist manual chain 2t  | pcs | 2    |  |  |  |  |
| 2927 | 041_UA20588716_0227 | Equipment | Electrical               |  | 0 | Tal                            | 0 | Hoist manual chain 3t  | pcs | 2    |  |  |  |  |
| 2928 | 041_UA20588716_0228 | Equipment | Electrical               |  | 0 | Tal                            | 0 | Hoist manual chain 5t  | pcs | 2    |  |  |  |  |
| 2929 | 041_UA20588716_0229 | Equipment | Electrical               |  | 0 | Heaters                        | 0 | Electric heater of 0.8 kW  | pcs | 40   |  |  |  |  |
| 2930 | 041_UA20588716_0230 | Equipment | Electrical               |  | 0 | Heaters                        | 0 | Heat gun 1.1 kW  | pcs | 40   |  |  |  |  |
| 2931 | 041_UA20588716_0231 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSM1-2,5-U3 220/12 IP00  | pcs | 5    |  |  |  |  |
| 2932 | 041_UA20588716_0232 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSM1-2,5-U3 380 / 220-22-5 / 12 IP00                                   | pcs | 5    |  |  |  |  |
| 2933 | 041_UA20588716_0233 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSM1-1,0-U3 380/220 IP00   | pcs | 5    |  |  |  |  |
| 2934 | 041_UA20588716_0234 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSM1-4,0-U3 400-380 / 36/12 IP00                                       | pcs | 5    |  |  |  |  |
| 2935 | 041_UA20588716_0235 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSM1-0,4-U3 220/12 IP00  | pcs | 5    |  |  |  |  |
| 2936 | 041_UA20588716_0236 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSZ-20 / 0,66-U3 220/12 IP21   | pcs | 3    |  |  |  |  |
| 2937 | 041_UA20588716_0237 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer OSZ-5,0-U3 220/12 IP21   | pcs | 2    |  |  |  |  |
| 2938 | 041_UA20588716_0238 | Equipment | Electrical               |  | 0 | Transformer                    | 0 | Transformer TSZ-20 / 0,66-U3 380/36 IP21   | pcs | 3    |  |  |  |  |
| 2939 | 041_UA20588716_0239 | Equipment | Electrical               |  | 0 | Lantern                        | 0 | Hand-held rechargeable flashlight  | pcs | 40   |  |  |  |  |
| 2940 | 041_UA20588716_0240 | Equipment | Electrical               |  | 0 | Lantern                        | 0 | Headlamp   | pcs | 40   |  |  |  |  |
| 2941 | 041_UA20588716_0241 | Equipment | Computer equipment       |  | 0 | Laptops                        | 0 | Intel Core min i3, preferably i5 RAM - 8Gb SSD 240Gb 15.6"1920x1080 Windows 10 OEM | pcs | 10   |  |  |  |  |
| 2942 | 041_UA20588716_0242 | Equipment | Optical equipment        |  | 0 | Binoculars with thermal imager | 0 | distance not less than 1800m   | pcs | 10   |  |  |  |  |
| 2943 | 041_UA20588716_0243 | Equipment | Unmanned aerial vehicles |  | 0 | Quadcopter with thermal imager | 0 | 0  | pcs | 2    |  |  |  |  |
| 2944 | 041_UA20588716_0244 | Equipment | Individual uniform       |  | 0 | Military helmets               | 0 | bullets are not piercing   | pcs | 60   |  |  |  |  |
| 2945 | 041_UA20588716_0245 | Equipment | Individual uniform       |  | 0 | Body armor                     | 0 | bullets are not piercing   | pcs | 60   |  |  |  |  |
| 2946 | 041_UA20588716_0246 | Equipment | Cars                     |  | 0 | Armored car                    | 0 | all-wheel drive  | pcs | 1    |  |  |  |  |

|      |                     |                  |  |                            |                     |  |   |   |         |         |  |  |  |  |
|------|---------------------|------------------|--|----------------------------|---------------------|--|---|---|---------|---------|--|--|--|--|
| 2947 | 041_UA20588716_0247 | Equipment        | Thermal chambers                           |                            | 0                   | Fluke TIX580 thermal imager, with a frequency of 60 Hz               | 0   | Frequency 60Hz.   | pcs     | 1       |  |  |  |  |
| 2948 | 041_UA20588716_0248 | Equipment        | Devices for determining the quality of SF6 |                            | 0                   | Dilo 3-038R SF6 multianalyzer  | 0   | With the reverse system   | pcs     | 1       |  |  |  |  |
| 2949 | 041_UA20588716_0249 | Equipment        | Gauge                                      |                            | 0                   | Micrometer   | 0   | Test current up to 200A. Accuracy 0.5%. from 0.1 µO to 400mO  | pcs     | 1       |  |  |  |  |
| 2950 | 041_UA20588716_0250 | Equipment        | Excitation system                          |                            | 0                   | Automatic field extinguishing switch for terrorist excitation system | 0   | UNITROL-P (FDD) series Type: SPT-O / U211-02000 / In = 2000A; Ue = 1000V ICW = 50kA x 15 № according to the specification ABB 3VNV002872R4351   | pcs     | 2       |  |  |  |  |
| 2951 | 041_UA20588716_0251 | Equipment        | Measuring instruments                      |                            | 0                   | Voltage transformer  | 0   | Voltage class 10 kV Maximum operating voltage 12 kV Rated voltage of the primary winding, V 1000 / √3; Rated voltage of the main secondary winding, V 1000 / √3; Rated voltage of the main secondary winding, V 1000 / √3; Rated power, VA: In accuracy class 0.5 - 75 in accuracy class 1 - 150 in accuracy class 3 - 300 Nominal power of additional secondary winding in accuracy class 3, VA - 300 Maximum power not in power class, VA - 630 Schemes and groups of connection of windings 1/1 / 1-0-0 Rated frequency, Hz - 50 Disconnection current, And no more - 0.55 | pcs     | 15      |  |  |  |  |
| 2952 | 041_UA20588716_0252 | Equipment        | Repair of electric motors                  |                            | 0                   | Bearing  | 6313  | 0   | pcs     | 6       |  |  |  |  |
| 2953 | 041_UA20588716_0253 | Equipment        | Repair of electric motors                  |                            | 0                   | Bearing  | 6319  | 0   | pcs     | 6       |  |  |  |  |
| 2954 | 041_UA20588716_0254 | Equipment        | Check of relay protection terminals        |                            | 0                   | OMICRON SMS 356 test complex   | 0   | 0   | pcs     | 1       |  |  |  |  |
| 2955 | 041_UA20588716_0255 | Equipment        | Testing and repair of electrical units     |                            | 0                   | PeakTech® P 6060 Dual Power Regulator                                | 0   | Regulated dual power supply with 3 outputs  | pcs     | 1       |  |  |  |  |
| 2956 | 041_UA20588716_0256 | Equipment        | 0  |                            | 0                   | Industrial telephone 4FP 153 36                                      | 0   | use in difficult conditions: high humidity, noise, dust, mechanical influences  | pcs     | 20      |  |  |  |  |
| 2957 | 041_UA20588716_0257 | Equipment        | 0  |                            | 0                   | Air Master S3 controller   | 0   | for the air compressor  | pcs     | 2       |  |  |  |  |
| 2958 | 041_UA20588716_0258 | Equipment        | 0  |                            | 0                   | APRA 91 multimeter   | 0   | 0   | pcs     | 2       |  |  |  |  |
| 2959 | 041_UA20588716_0259 | Equipment        | 0  |                            | 0                   | TIVAL 1110012 TS-PT1000 1/4 °TEMPERATURE SENSOR                      | 0   | 0   | pcs     | 2       |  |  |  |  |
| 2960 | 041_UA20588716_0260 | Equipment        | 0  |                            | 0                   | Nortel M3904 phone with several lines,                               | 0   | 0   | pcs     | 20      |  |  |  |  |
| 2961 | 041_UA20588716_0261 | Equipment        | 0  |                            | 0                   | Nortel Meridian Desktop Telephone M3904 phones                       | 0   | 0   | pcs     | 20      |  |  |  |  |
| 2962 | 041_UA20588716_0262 | Equipment        | 0  |                            | 0                   | 1M3L-22Ex-and-electroplating   | 0   | 0   | pcs     | 4       |  |  |  |  |
| 2963 | 041_UA20588716_0263 | Equipment        | 0  |                            | 0                   | 3-phase TELE G2PM400VSY20- Phase control relay                       | 0   | 0   | pcs     | 2       |  |  |  |  |
| 2964 | 041_UA20588716_0264 | Equipment        | 0  |                            | 0                   | CRM-91H time relay   | 0   | 0   | pcs     | 2       |  |  |  |  |
| 2965 | 041_UA20588716_0265 | Equipment        | 0  |                            | 0                   | laptop   | 0   | Notebooks "Intel Core min i3, preferably i5 RAM - 8Gb SSD 240Gb 15.6" "1920x1080 Windows 10 OEM"  | pcs     | 20      |  |  |  |  |
| 2966 | 041_UA20588716_0266 | Equipment        | 0  |                            | 0                   | Mikrotik CCR2004-16G-2S + or equal router                            | 0   | 0   | pcs     | 1       |  |  |  |  |
| 2967 | 041_UA20588716_0267 | Equipment        | 0  |                            | 0                   | Access points Mikrotik Netbox 5 or equal                             | 0   | 0   | pcs     | 2       |  |  |  |  |
| 2968 | 041_UA20588716_0268 | Equipment        | 0  |                            | 0                   | Thermoconverters TOP-PKbm-59 1 xPt100 B4 25 mm 4p-L4T5 200mm         | 0   | 0   | pcs     | 30      |  |  |  |  |
| 2969 | 002_UA23359034_0162 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | t       | 30      |  |  |  |  |
| 2970 | 002_UA23359034_0163 | Energy resources | liquid                                     |                            | 0                   | A95 petrol   | 0   | 0   | t       | 5       |  |  |  |  |
| 2971 | 002_UA23359034_0164 | Energy resources | Gaseous                                    | ?                          |                     | Propane-butane   | 0   | 0   | kg      | 1000    |  |  |  |  |
| 2972 | 004_UA00131268_0205 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | t       | 50.7    |  |  |  |  |
| 2973 | 004_UA00131268_0206 | Energy resources | liquid                                     |                            | 0                   | A92 petrol   | 0   | 0   | t       | 38      |  |  |  |  |
| 2974 | 004_UA00131268_0207 | Energy resources | liquid                                     |                            | 0                   | A95 petrol   | 0   | 0   | t       | 16.5    |  |  |  |  |
| 2975 | 004_UA00131268_0208 | Energy resources | Gaseous                                    | ?                          |                     | Propane-butane   | 0   | 0   | kg      | 15315   |  |  |  |  |
| 2976 | 123_UA39307323_0001 | Energy resources | ?  | ?                          |                     | Grease SOLCENIC LW ASSEMBLY 0.5 kg                                   | 0   | 0   | package | 32,5167 |  |  |  |  |
| 2977 | 029_UA41946011_0103 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | t       | 30      |  |  |  |  |
| 2978 | 029_UA41946011_0104 | Energy resources | liquid                                     |                            | 0                   | A95 petrol   | 0   | 0   | t       | 5       |  |  |  |  |
| 2979 | 029_UA41946011_0105 | Energy resources | Gaseous                                    | ?                          |                     | Propane-butane   | 0   | 0   | kg      | 1000    |  |  |  |  |
| 2980 | 030_UA23243188_0347 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | t       | 130     |  |  |  |  |
| 2981 | 030_UA23243188_0348 | Energy resources | liquid                                     |                            | 0                   | A92 petrol   | 0   | 0   | t       | 197     |  |  |  |  |
| 2982 | 030_UA23243188_0349 | Energy resources | liquid                                     |                            | 0                   | A95 petrol   | 0   | 0   | t       | 45      |  |  |  |  |
| 2983 | 006_UA00131713_0147 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | t       | 30      |  |  |  |  |
| 2984 | 006_UA00131713_0148 | Energy resources | liquid                                     |                            | 0                   | A95 petrol   | 0   | 0   | t       | 5       |  |  |  |  |
| 2985 | 006_UA00131713_0149 | Energy resources | Gaseous                                    | ?                          |                     | Propane-butane   | 0   | 0   | kg      | 1000    |  |  |  |  |
| 2986 | 011_UA23293513_0095 | Energy resources | liquid                                     |                            | 0                   | A92 petrol   | 0   | 0   | l       | 10000   |  |  |  |  |
| 2987 | 011_UA23293513_0096 | Energy resources | liquid                                     |                            | 0                   | Diesel fuel  | 0   | 0   | l       | 4000    |  |  |  |  |
| 2988 | 041_UA20588716_0269 | Energy resources | liquid                                     |                            | 0                   | A95  | 0   | 0   | liters  | 2000    |  |  |  |  |
| 2989 | 041_UA20588716_0270 | Energy resources | liquid                                     |                            | 0                   | A92  | 0   | 0   | liters  | 3000    |  |  |  |  |
| 2990 | 041_UA20588716_0271 | Energy resources | liquid                                     |                            | 0                   | liquid   | 0   | 0   | liters  | 5000    |  |  |  |  |
| 2991 | 002_UA23359034_0165 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 250 kW (with 50 m-long wires for connection)          | 0   | pcs     | 4       |  |  |  |  |
| 2992 | 002_UA23359034_0166 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 500 kW (with 50 m-long wires for connection)          | 0   | pcs     | 3       |  |  |  |  |
| 2993 | 029_UA41946011_0106 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 250 kW (with 50 m-long wires for connection)          | 0   | pcs     | 1       |  |  |  |  |
| 2994 | 029_UA41946011_0107 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 500 kW (with 50 m-long wires for connection)          | 0   | pcs     | 3       |  |  |  |  |
| 2995 | 029_UA41946011_0108 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator with cables for connection                          | 500 kVA   | 0   | pcs     | 1       |  |  |  |  |
| 2996 | 029_UA41946011_0109 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator with cables for connection                          | 1000 kVA  | 0   | pcs     | 1       |  |  |  |  |
| 2997 | 030_UA23243188_0350 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | Capacity 250 kW (with 50 m-long wires for connection) | 0   | pcs     | 12      |  |  |  |  |
| 2998 | 030_UA23243188_0351 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | Capacity 500 kW (with 50 m-long wires for connection) | 0   | pcs     | 7       |  |  |  |  |
| 2999 | 006_UA00131713_0150 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 250 kW (with 50 m-long wires for connection)          | 0   | pcs     | 4       |  |  |  |  |
| 3000 | 006_UA00131713_0151 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on wheels   | 500 kW (with 50 m-long wires for connection)          | 0   | pcs     | 2       |  |  |  |  |
| 3001 | 090_UA42053484_0001 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | 1-Phase Diesel Generator 6kW   | 0   | 0   | pcs     | 10      |  |  |  |  |
| 3002 | 090_UA42053484_0002 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | 3-Phase Diesel Generator 10kW  | 0   | 0   | pcs     | 1       |  |  |  |  |
| 3003 | 004_UA00131268_0209 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on chassis  | Power 250 kW (with 50 m cables for connection)        | 0   | pcs     | 3       |  |  |  |  |
| 3004 | 004_UA00131268_0210 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator on chassis  | Power 500 kW, (with 50 m cables for connection)       | 0   | pcs     | 2       |  |  |  |  |
| 3005 | 004_UA00131268_0211 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator with connection cables                              | Power 50 kVA  | 0   | pcs     | 1       |  |  |  |  |
| 3006 | 004_UA00131268_0212 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator with connection cables                              | Power 500 kVA   | 0   | pcs     | 7       |  |  |  |  |
| 3007 | 004_UA00131268_0213 | Equipment        | Electrical                                 | Civil protection equipment | Backup power plants | Diesel generator with connection cables                              | Power 1000 kVA  | 0   | pcs     | 5       |  |  |  |  |



|      |                     |                    |              |                            |                     |   |  |   |      |     |  |  |  |  |  |
|------|---------------------|--------------------|--------------|----------------------------|---------------------|---|--|---|------|-----|--|--|--|--|--|
| 3008 | 041_UA20588716_0272 | Equipment          | Electrical   | Civil protection equipment | Backup power plants | Diesel generator  | Generator power 500 kW Power factor 0.8 Voltage: 0.4 kV<br>Frequency 50 Hz Number of phases: 3 | 0   | pcs  | 1   |  |  |  |  |  |
| 3009 | 041_UA20588716_0273 | Equipment          | Electrical   | Civil protection equipment | Backup power plants | petrol generator  | petrol Honda ECMT 7000 K1 generator  | 0   | pcs  | 5   |  |  |  |  |  |
| 3010 | 041_UA20588716_0274 | Equipment          | Electrical   | Civil protection equipment | Backup power plants | Diesel generator  | 100 kW 3-phase   | 0   | pcs  | 1   |  |  |  |  |  |
| 3011 | 041_UA20588716_0275 | Equipment          | Electrical   | Civil protection equipment | Backup power plants | Diesel generator  | 5 kW, 220 V  | 0   | pcs  | 2   |  |  |  |  |  |
| 3012 | 041_UA20588716_0276 | Humanitarian needs | Medical care |                            |                     | Harness tourniquet turnstile type Python -Ne                      | 0  | 0   | pcs  | 30  |  |  |  |  |  |
| 3013 | 041_UA20588716_0277 | Humanitarian needs | Medical care |                            |                     | Individual medical military first aid kit                         | 0  | 0   | pcs  | 100 |  |  |  |  |  |
| 3014 | 041_UA20588716_0278 | Humanitarian needs | Medical care |                            |                     | Etamizlate  | 0  | 2.0 amp №10                               | yn.  | 1   |  |  |  |  |  |
| 3015 | 041_UA20588716_0279 | Humanitarian needs | Medical care |                            |                     | Diclinin  | 0  | 250mg, 2.0 №10                            | yn.  | 2   |  |  |  |  |  |
| 3016 | 041_UA20588716_0280 | Humanitarian needs | Medical care |                            |                     | Sodium chloride   | 0  | 0.9% 200.00                               | fl.  | 10  |  |  |  |  |  |
| 3017 | 041_UA20588716_0281 | Humanitarian needs | Medical care |                            |                     | Glucose   | 0  | 200.00 5%                                 | fl.  | 5   |  |  |  |  |  |
| 3018 | 041_UA20588716_0282 | Humanitarian needs | Medical care |                            |                     | Mr. Ringer  | 0  | 200.00                                    | fl.  | 3   |  |  |  |  |  |
| 3019 | 041_UA20588716_0283 | Humanitarian needs | Medical care |                            |                     | Polyglucin  | 0  | 400.00                                    | fl.  | 3   |  |  |  |  |  |
| 3020 | 041_UA20588716_0284 | Humanitarian needs | Medical care |                            |                     | Aminocaproic acid   | 0  | 100.00                                    | fl.  | 5   |  |  |  |  |  |
| 3021 | 041_UA20588716_0285 | Humanitarian needs | Medical care |                            |                     | Bandage erased.   | 0  | 14 * 7cm.                                 | pcs  | 100 |  |  |  |  |  |
| 3022 | 041_UA20588716_0286 | Humanitarian needs | Medical care |                            |                     | Bandage erased.   | 0  | 5 * 10cm.                                 | pcs  | 100 |  |  |  |  |  |
| 3023 | 041_UA20588716_0287 | Humanitarian needs | Medical care |                            |                     | Gauze napkins erased.   | 0  | 16 * 14st.                                | pcs  | 100 |  |  |  |  |  |
| 3024 | 041_UA20588716_0288 | Humanitarian needs | Medical care |                            |                     | Hemostatic sponges in a bottle                                    | 0  | 0.8 g                                     | pcs  | 5   |  |  |  |  |  |
| 3025 | 041_UA20588716_0289 | Humanitarian needs | Medical care |                            |                     | Hydrogen peroxide solution  | 0  | 3% 100.00                                 | pcs  | 30  |  |  |  |  |  |
| 3026 | 041_UA20588716_0290 | Humanitarian needs | Medical care |                            |                     | Chlorhexidine   | 0  | 00.5% 200, fl.                            | fl.  | 6   |  |  |  |  |  |
| 3027 | 041_UA20588716_0291 | Humanitarian needs | Medical care |                            |                     | Decasan   | 0  | 200.00                                    | fl.  | 2   |  |  |  |  |  |
| 3028 | 041_UA20588716_0292 | Humanitarian needs | Medical care |                            |                     | Betadine  | 0  | 10 / 100.00                               | fl.  | 6   |  |  |  |  |  |
| 3029 | 041_UA20588716_0293 | Humanitarian needs | Medical care |                            |                     | Mr. Yodu  | 0  | 5% 9.0                                    | fl.  | 20  |  |  |  |  |  |
| 3030 | 041_UA20588716_0294 | Humanitarian needs | Medical care |                            |                     | 1 / sq  | 0  | 2 * 500cm.                                | pcs  | 30  |  |  |  |  |  |
| 3031 | 041_UA20588716_0295 | Humanitarian needs | Medical care |                            |                     | Syringes  | 0  | 20.0                                      | pcs  | 30  |  |  |  |  |  |
| 3032 | 041_UA20588716_0296 | Humanitarian needs | Medical care |                            |                     | Syringes  | 0  | 10.0                                      | pcs  | 40  |  |  |  |  |  |
| 3033 | 041_UA20588716_0297 | Humanitarian needs | Medical care |                            |                     | Syringes  | 0  | 5.0                                       | pcs  | 40  |  |  |  |  |  |
| 3034 | 041_UA20588716_0298 | Humanitarian needs | Medical care |                            |                     | Ketonal   | 0  | 2.0 / 100mg.                              | yn.  | 1   |  |  |  |  |  |
| 3035 | 041_UA20588716_0299 | Humanitarian needs | Medical care |                            |                     | Desalgin  | 0  | 2.0 №10                                   | yn.  | 1   |  |  |  |  |  |
| 3036 | 041_UA20588716_0300 | Humanitarian needs | Medical care |                            |                     | Adrenaline hydrochloride  | 0  | 0.1% 1.0 №10                              | yn.  | 1   |  |  |  |  |  |
| 3037 | 041_UA20588716_0301 | Humanitarian needs | Medical care |                            |                     | Nalbughine  | 0  | 1.0 №10                                   | yn.  | 1   |  |  |  |  |  |
| 3038 | 041_UA20588716_0302 | Humanitarian needs | Medical care |                            |                     | Portable large military first aid kit Large Military<br>Medic Kit | 0  | 0   | pcs  | 100 |  |  |  |  |  |
| 3039 | 041_UA20588716_0303 | Humanitarian needs | Medical care |                            |                     | Bandages  | 0  | sterile 5x10                              | pcs  | 500 |  |  |  |  |  |
| 3040 | 041_UA20588716_0304 | Humanitarian needs | Medical care |                            |                     | Cotton  | 0  | 100 g                                     | yn.  | 50  |  |  |  |  |  |
| 3041 | 041_UA20588716_0305 | Humanitarian needs | Medical care |                            |                     | Harness   | 0  | medical                                   | pcs  | 50  |  |  |  |  |  |
| 3042 | 041_UA20588716_0306 | Humanitarian needs | Medical care |                            |                     | Syringe   | 0  | 2 ml                                      | pcs  | 500 |  |  |  |  |  |
| 3043 | 041_UA20588716_0307 | Humanitarian needs | Medical care |                            |                     | Syringe   | 0  | 5 ml                                      | pcs  | 300 |  |  |  |  |  |
| 3044 | 041_UA20588716_0308 | Humanitarian needs | Medical care |                            |                     | Syringe   | 0  | 10 ml                                     | pcs  | 200 |  |  |  |  |  |
| 3045 | 041_UA20588716_0309 | Humanitarian needs | Medical care |                            |                     | Syringe   | 0  | 20 ml                                     | pcs  | 200 |  |  |  |  |  |
| 3046 | 041_UA20588716_0310 | Humanitarian needs | Medical care |                            |                     | Hydrogen peroxide   | 0  | 50 ml                                     | fl.  | 100 |  |  |  |  |  |
| 3047 | 041_UA20588716_0311 | Humanitarian needs | Medical care |                            |                     | Chlorhexidine   | 0  | 100 ml                                    | fl.  | 50  |  |  |  |  |  |
| 3048 | 041_UA20588716_0312 | Humanitarian needs | Medical care |                            |                     | Captopress  | 0  | 25 mg №20                                 | yn.  | 5   |  |  |  |  |  |
| 3049 | 041_UA20588716_0313 | Humanitarian needs | Medical care |                            |                     | Pharmadepine  | 0  | 25 ml                                     | fl.  | 8   |  |  |  |  |  |
| 3050 | 041_UA20588716_0314 | Humanitarian needs | Medical care |                            |                     | Baralgin  | 0  | 5 ml № 10                                 | yn.  | 4   |  |  |  |  |  |
| 3051 | 041_UA20588716_0315 | Humanitarian needs | Medical care |                            |                     | Diphenhydramine   | 0  | 1% 1 ml № 10                              | yn.  | 4   |  |  |  |  |  |
| 3052 | 041_UA20588716_0316 | Humanitarian needs | Medical care |                            |                     | Analgin   | 0  | 2 ml № 10                                 | yn.  | 4   |  |  |  |  |  |
| 3053 | 041_UA20588716_0317 | Humanitarian needs | Medical care |                            |                     | Papaverine  | 0  | 2 ml № 10                                 | yn.  | 4   |  |  |  |  |  |
| 3054 | 041_UA20588716_0318 | Humanitarian needs | Medical care |                            |                     | Dressing bags   | 0  | sterile                                   | pcs  | 200 |  |  |  |  |  |
| 3055 | 041_UA20588716_0319 | Humanitarian needs | Medical care |                            |                     | Carvalment  | 0  | № 30                                      | yn.  | 5   |  |  |  |  |  |
| 3056 | 041_UA20588716_0320 | Humanitarian needs | Medical care |                            |                     | Valerian  | 0  | 40 mg № 50                                | yn.  | 4   |  |  |  |  |  |
| 3057 | 041_UA20588716_0321 | Humanitarian needs | Medical care |                            |                     | Diazolin  | 0  | 0.1 g № 20                                | yn.  | 5   |  |  |  |  |  |
| 3058 | 041_UA20588716_0322 | Humanitarian needs | Medical care |                            |                     | Citrine   | 0  | №20                                       | yn.  | 5   |  |  |  |  |  |
| 3059 | 041_UA20588716_0323 | Humanitarian needs | Medical care |                            |                     | Rinazolin   | 0  | 15 ml                                     | fl.  | 10  |  |  |  |  |  |
| 3060 | 041_UA20588716_0324 | Humanitarian needs | Medical care |                            |                     | Strepsils   | 0  | № 20                                      | yn.  | 10  |  |  |  |  |  |
| 3061 | 041_UA20588716_0325 | Humanitarian needs | Medical care |                            |                     | Ibuprofen   | 0  | 200 mg № 50                               | yn.  | 5   |  |  |  |  |  |
| 3062 | 041_UA20588716_0326 | Humanitarian needs | Medical care |                            |                     | Nimesil   | 0  | powder № 30                               | yn.  | 5   |  |  |  |  |  |
| 3063 | 041_UA20588716_0327 | Humanitarian needs | Medical care |                            |                     | Sedalgin  | 0  | №20                                       | yn.  | 5   |  |  |  |  |  |
| 3064 | 041_UA20588716_0328 | Humanitarian needs | Medical care |                            |                     | Citron  | 0  | № 6                                       | yn.  | 40  |  |  |  |  |  |
| 3065 | 041_UA20588716_0329 | Humanitarian needs | Medical care |                            |                     | Furacilin   | 0  | № 20                                      | yn.  | 15  |  |  |  |  |  |
| 3066 | 041_UA20588716_0330 | Humanitarian needs | Medical care |                            |                     | Magnesium sulfate   | 0  | 25% 5 ml № 10                             | yn.  | 5   |  |  |  |  |  |
| 3067 | 041_UA20588716_0331 | Humanitarian needs | Medical care |                            |                     | Dexamethasone   | 0  | 1 ml № 5                                  | yn.  | 4   |  |  |  |  |  |
| 3068 | 041_UA20588716_0332 | Humanitarian needs | Medical care |                            |                     | Sulfacyl sodium   | 0  | 20% 10 ml                                 | yn.  | 10  |  |  |  |  |  |
| 3069 | 041_UA20588716_0333 | Humanitarian needs | Medical care |                            |                     | Syntomycin liniment   | 0  | 50 mg / g for 25 g                        | tuba | 5   |  |  |  |  |  |
| 3070 | 041_UA20588716_0334 | Humanitarian needs | Medical care |                            |                     | Balsamic liniment   | 0  | 40 years                                  | tuba | 5   |  |  |  |  |  |
| 3071 | 041_UA20588716_0335 | Humanitarian needs | Medical care |                            |                     | Boric acid powder crist.  | 0  | 10 years                                  | yn.  | 50  |  |  |  |  |  |
| 3072 | 041_UA20588716_0336 | Humanitarian needs | Medical care |                            |                     | Azithromycin  | 0  | 500 mg № 3 capsules                       | yn.  | 10  |  |  |  |  |  |
| 3073 | 041_UA20588716_0337 | Humanitarian needs | Medical care |                            |                     | Sorcef  | 0  | 400 mg № 10                               | yn.  | 5   |  |  |  |  |  |
| 3074 | 041_UA20588716_0338 | Humanitarian needs | Medical care |                            |                     | Ampicillin powder for the district d / in.                        | 0  | 1 g №1                                    | fl.  | 10  |  |  |  |  |  |
| 3075 | 041_UA20588716_0339 | Humanitarian needs | Medical care |                            |                     | Iodine solution for external use. deputy                          | 0  | alcohol. 5% in 20 ml                      | fl.  | 50  |  |  |  |  |  |
| 3076 | 041_UA20588716_0340 | Humanitarian needs | Medical care |                            |                     | Acylsalicylic acid  | 0  | 0.5 g № 10                                | yn.  | 30  |  |  |  |  |  |
| 3077 | 041_UA20588716_0341 | Humanitarian needs | Medical care |                            |                     | The hemostatic hole   | 0  | 0.8 g per bottle. skl.                    | fl.  | 20  |  |  |  |  |  |
| 3078 | 041_UA20588716_0342 | Humanitarian needs | Medical care |                            |                     | Fenozepan   | 0  | 0.0005 g №50                              | yn.  | 4   |  |  |  |  |  |
| 3079 | 041_UA20588716_0343 | Humanitarian needs | Medical care |                            |                     | Cordamine   | 0  | solution d / in. 250 mg / ml 2 ml №10     | yn.  | 4   |  |  |  |  |  |
| 3080 | 041_UA20588716_0344 | Humanitarian needs | Medical care |                            |                     | Caffeine sodium benzoate  | 0  | solution d / in. 100 mg / ml per 1 ml №10 | yn.  | 4   |  |  |  |  |  |
| 3081 | 041_UA20588716_0345 | Humanitarian needs | Medical care |                            |                     | Piracetam   | 0  | solution d / in. 200 mg / ml 5 ml №10     | yn.  | 4   |  |  |  |  |  |
| 3082 | 041_UA20588716_0346 | Humanitarian needs | Medical care |                            |                     | Adrenalin   | 0  | solution d / in. 1.8 mg / ml per 1 ml №10 | yn.  | 2   |  |  |  |  |  |
| 3083 | 041_UA20588716_0347 | Humanitarian needs | Medical care |                            |                     | Prednisolone  | 0  | solution d / in. 30 mg / ml per 1 ml №3   | yn.  | 2   |  |  |  |  |  |
| 3084 | 041_UA20588716_0348 | Humanitarian needs | Medical care |                            |                     | Cordaron  | 0  | 200 mg №30                                | yn.  | 3   |  |  |  |  |  |
| 3085 | 041_UA20588716_0349 | Humanitarian needs | Medical care |                            |                     | Anaprilin   | 0  | 10 mg №50                                 | yn.  | 3   |  |  |  |  |  |
| 3086 | 041_UA20588716_0350 | Humanitarian needs | Medical care |                            |                     | Anaprilin   | 0  | 40 mg №50                                 | yn.  | 3   |  |  |  |  |  |
| 3087 | 041_UA20588716_0351 | Humanitarian needs | Medical care |                            |                     | Corvidin  | 0  | 25 ml                                     | fl.  | 40  |  |  |  |  |  |
| 3088 | 041_UA20588716_0352 | Humanitarian needs | Medical care |                            |                     | Teraflu   | 0  | № 10                                      | yn.  | 10  |  |  |  |  |  |
| 3089 | 041_UA20588716_0353 | Humanitarian needs | Medical care |                            |                     | Festal neo  | 0  | 10,000 № 20                               | yn.  | 5   |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|----------------|--|--|--|--|------|-----|--|--|--|--|
| 3090 | 041_UA20588716_0354 | Humanitarian needs | Medical care |                |  | Amiksin  | 0  | № 3  | yn.  | 10  |  |  |  |  |
| 3091 | 041_UA20588716_0355 | Humanitarian needs | Food         |                |  | dry rations  | 0  | Daily diet: breakfast, lunch, dinner. The set includes porridge, soups or borscht, fireless heating, tea, coffee, spices.  | yn.  | 100 |  |  |  |  |
| 3092 | 041_UA20588716_0356 | Humanitarian needs | Medical care | First aid kits |  | The medical first aid kit is individual  | 0  |  | pcs  | 100 |  |  |  |  |
| 3093 | 041_UA20588716_0357 | Humanitarian needs | Medical care | First aid kits |  | Medicines, dressings, small medical equipment  | 0  | 0  | 0    | 0   |  |  |  |  |
| 3094 | 041_UA20588716_0358 | Humanitarian needs | Medical care | Medicines      |  | Sterile bandages 5 * 10  | 0  | 0  | pcs  | 300 |  |  |  |  |
| 3095 | 041_UA20588716_0359 | Humanitarian needs | Medical care | Medicines      |  | Sterile dressing package with one pillow   | 0  | 0  | pcs  | 200 |  |  |  |  |
| 3096 | 041_UA20588716_0360 | Humanitarian needs | Medical care | Medicines      |  | Cotton wool 100 gr.  | 0  | 0  | yn.  | 20  |  |  |  |  |
| 3097 | 041_UA20588716_0361 | Humanitarian needs | Medical care | Medicines      |  | Medical tourniquet is stopped  | 0  | 0  | pcs  | 30  |  |  |  |  |
| 3098 | 041_UA20588716_0362 | Humanitarian needs | Medical care | Medicines      |  | Syringe 2 ml.  | 0  | 0  | pcs  | 100 |  |  |  |  |
| 3099 | 041_UA20588716_0363 | Humanitarian needs | Medical care | Medicines      |  | Syringe 5 ml.  | 0  | 0  | pcs  | 100 |  |  |  |  |
| 3100 | 041_UA20588716_0364 | Humanitarian needs | Medical care | Medicines      |  | 10 ml syringe.   | 0  | 0  | pcs  | 100 |  |  |  |  |
| 3101 | 041_UA20588716_0365 | Humanitarian needs | Medical care | Medicines      |  | Syringe 20 ml.   | 0  | 0  | pcs  | 20  |  |  |  |  |
| 3102 | 041_UA20588716_0366 | Humanitarian needs | Medical care | Medicines      |  | Hydrogen peroxide 3% 100 ml.   | 0  | 0  | fl.  | 50  |  |  |  |  |
| 3103 | 041_UA20588716_0367 | Humanitarian needs | Medical care | Medicines      |  | Chlorhexidine 100 ml.  | 0  | 0  | fl.  | 50  |  |  |  |  |
| 3104 | 041_UA20588716_0368 | Humanitarian needs | Medical care | Medicines      |  | Analgin amp. 2 ml.   | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3105 | 041_UA20588716_0369 | Humanitarian needs | Medical care | Medicines      |  | Corvalment № 30  | 0  | 0  | yn.  | 3   |  |  |  |  |
| 3106 | 041_UA20588716_0370 | Humanitarian needs | Medical care | Medicines      |  | Corvaltab № 20   | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3107 | 041_UA20588716_0371 | Humanitarian needs | Medical care | Medicines      |  | Valerian forte 40 mg. № 50   | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3108 | 041_UA20588716_0372 | Humanitarian needs | Medical care | Medicines      |  | Sedafiton forte capsules № 48  | 0  | 0  | yn.  | 4   |  |  |  |  |
| 3109 | 041_UA20588716_0373 | Humanitarian needs | Medical care | Medicines      |  | Loratodine 10 mg. № 100  | 0  | 0  | yn.  | 1   |  |  |  |  |
| 3110 | 041_UA20588716_0374 | Humanitarian needs | Medical care | Medicines      |  | Citramon forte № 10  | 0  | 0  | fl.  | 100 |  |  |  |  |
| 3111 | 041_UA20588716_0375 | Humanitarian needs | Medical care | Medicines      |  | Naphthysine 0.05%  | 0  | 0  | fl.  | 15  |  |  |  |  |
| 3112 | 041_UA20588716_0376 | Humanitarian needs | Medical care | Medicines      |  | Naftizin 0.1%  | 0  | 0  | fl.  | 15  |  |  |  |  |
| 3113 | 041_UA20588716_0377 | Humanitarian needs | Medical care | Medicines      |  | Evkazolin aKva   | 0  | 0  | fl.  | 5   |  |  |  |  |
| 3114 | 041_UA20588716_0378 | Humanitarian needs | Medical care | Medicines      |  | Throat lollipops in the BRONCHO VEDA jar № 300                                       | 0  | 0  | jar  | 3   |  |  |  |  |
| 3115 | 041_UA20588716_0379 | Humanitarian needs | Medical care | Medicines      |  | Nimesil powder № 30  | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3116 | 041_UA20588716_0380 | Humanitarian needs | Medical care | Medicines      |  | Magnesium sulfate 25% 58 ml. № 10  | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3117 | 041_UA20588716_0381 | Humanitarian needs | Medical care | Medicines      |  | Ointment Anthony   | 0  | 0  | fl.  | 3   |  |  |  |  |
| 3118 | 041_UA20588716_0382 | Humanitarian needs | Medical care | Medicines      |  | Iodine solution for external use   | 0  | 0  | fl.  | 30  |  |  |  |  |
| 3119 | 041_UA20588716_0383 | Humanitarian needs | Medical care | Medicines      |  | Acetylsalicylic acid 0.5 g № 10  | 0  | 0  | yn.  | 20  |  |  |  |  |
| 3120 | 041_UA20588716_0384 | Humanitarian needs | Medical care | Medicines      |  | Barboval fl.   | 0  | 0  | fl.  | 20  |  |  |  |  |
| 3121 | 041_UA20588716_0385 | Humanitarian needs | Medical care | Medicines      |  | Corvalol fl.   | 0  | 0  | fl.  | 20  |  |  |  |  |
| 3122 | 041_UA20588716_0386 | Humanitarian needs | Medical care | Medicines      |  | Mezim forte 1000 № 20  | 0  | 0  | yn.  | 5   |  |  |  |  |
| 3123 | 041_UA20588716_0387 | Humanitarian needs | Medical care | Medicines      |  | Gripago tablets № 200 (4 * 50)   | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3124 | 041_UA20588716_0388 | Humanitarian needs | Medical care | Medicines      |  | Pantestin tube 30 g.   | 0  | 0  | yn.  | 2   |  |  |  |  |
| 3125 | 041_UA20588716_0389 | Humanitarian needs | Medical care | Medicines      |  | Napkin gel antimicrobial "OpekUn" against burns and wounds (10x10 cm) - 3 pieces     | 0  | 0  | yn.  | 10  |  |  |  |  |
| 3126 | 041_UA20588716_0390 | Humanitarian needs | Medical care | Medicines      |  | Lerkamen 20  | 0  | 0  | yn.  | 10  |  |  |  |  |
| 3127 | 041_UA20588716_0391 | Humanitarian needs | Medical care | Medicines      |  | Valsacor 320   | 0  | 0  | yn.  | 10  |  |  |  |  |
| 3128 | 043_UA0338649_0001  | Equipment          | Cars         |                |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher | from | 18  |  |  |  |  |
| 3129 | 043_UA0338649_0002  | Equipment          | Cars         |                |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: S-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "  | from | 23  |  |  |  |  |
| 3130 | 043_UA0338649_0003  | Equipment          |              |                |  | Autonomous welding unit DGW 310 M5 / R5 - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 11  |  |  |  |  |
| 3131 | 043_UA0338649_0004  | Equipment          |              |                |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4.7  | from | 5   |  |  |  |  |

|      |                     |           |  |  |  |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|---|---|---|------|----|--|--|--|--|--|
| 3132 | 043_UA03338649_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like kamitech | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams | Welding machine parameters Supply voltage [V] 230<br>Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50<br>Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41<br>Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90<br>System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 5  |  |  |  |  |  |
| 3133 | 043_UA03338649_0006 | Equipment |  |  |  | Inverter type welding machines 200A                                   |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 23 |  |  |  |  |  |
| 3134 | 043_UA03338649_0007 | Equipment |  |  |  | Inverter type welding machines 400A                                   |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 11 |  |  |  |  |  |
| 3135 | 043_UA03338649_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm        |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 46 |  |  |  |  |  |
| 3136 | 043_UA03338649_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm       |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 46 |  |  |  |  |  |
| 3137 | 043_UA03338649_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 57 |  |  |  |  |  |
| 3138 | 043_UA03338649_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm.   | from | 34 |  |  |  |  |  |
| 3139 | 043_UA03338649_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 23 |  |  |  |  |  |
| 3140 | 043_UA03338649_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 5  |  |  |  |  |  |
| 3141 | 043_UA03338649_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included                             |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 5  |  |  |  |  |  |
| 3142 | 043_UA03338649_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included                             |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 5  |  |  |  |  |  |
| 3143 | 043_UA03338649_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 5  |  |  |  |  |  |
| 3144 | 043_UA03338649_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 5  |  |  |  |  |  |
| 3145 | 043_UA03338649_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 5  |  |  |  |  |  |
| 3146 | 043_UA03338649_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m                   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 5  |  |  |  |  |  |
| 3147 | 043_UA03338649_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 5  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |  |  |      |    |  |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|--|--|------|----|--|--|--|--|--|--|
| 3148 | 043_UA03338649_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs)- 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 5  |  |  |  |  |  |  |
| 3149 | 043_UA03338649_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W. E40 cartridge. Luminous flux - 96.000 lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 23 |  |  |  |  |  |  |
| 3150 | 043_UA03338649_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane lg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   |  | from | 5  |  |  |  |  |  |  |
| 3151 | 043_UA03338649_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg   | from   | 68   |    |  |  |  |  |  |  |
| 3152 | 043_UA03338649_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32  | from   | 68   |    |  |  |  |  |  |  |
| 3153 | 043_UA03338649_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 ": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from   | 68   |    |  |  |  |  |  |  |
| 3154 | 043_UA03338649_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t  | from   | 9    |    |  |  |  |  |  |  |
| 3155 | 043_UA03338649_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t  | from   | 9    |    |  |  |  |  |  |  |
| 3156 | 043_UA03338649_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from   | 5    |    |  |  |  |  |  |  |
| 3157 | 043_UA03338649_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from   | 23   |    |  |  |  |  |  |  |
| 3158 | 043_UA03338649_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-Ion battery 2100 mA / h, clip belt   | from   | 91   |    |  |  |  |  |  |  |
| 3159 | 043_UA03338649_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs  | from   | 91   |    |  |  |  |  |  |  |
| 3160 | 043_UA03338649_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from   | 137  |    |  |  |  |  |  |  |
| 3161 | 043_UA03338649_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813- 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from   | 91   |    |  |  |  |  |  |  |
| 3162 | 043_UA03338649_0035 | Equipment |            |                            |                     | The rescue haylard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from   | 91   |    |  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|--|------|-----|--|--|--|--|--|
| 3163 | 043_UA03338649_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time:> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 46  |  |  |  |  |  |
| 3164 | 043_UA03338649_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MiB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 114 |  |  |  |  |  |
| 3165 | 043_UA03338649_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 228 |  |  |  |  |  |
| 3166 | 043_UA03338649_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 11  |  |  |  |  |  |
| 3167 | 043_UA03338649_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential" 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 1020, 150 Hz not less than 120 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2 5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 23  |  |  |  |  |  |
| 3168 | 043_UA03338649_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m- 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 11  |  |  |  |  |  |
| 3169 | 043_UA03338649_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kW, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 11  |  |  |  |  |  |
| 3170 | 043_UA03338649_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 2   |  |  |  |  |  |
| 3171 | 043_UA03338649_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar  | from | 27  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 3172 | 044_UA03339459_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine I4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 10 |  |  |  |  |  |
| 3173 | 044_UA03339459_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5 MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 13 |  |  |  |  |  |
| 3174 | 044_UA03339459_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35- 280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 6  |  |  |  |  |  |
| 3175 | 044_UA03339459_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3.9, Ø4.7   | from | 3  |  |  |  |  |  |
| 3176 | 044_UA03339459_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 3  |  |  |  |  |  |
| 3177 | 044_UA03339459_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 13 |  |  |  |  |  |
| 3178 | 044_UA03339459_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 6  |  |  |  |  |  |
| 3179 | 044_UA03339459_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 25 |  |  |  |  |  |
| 3180 | 044_UA03339459_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 25 |  |  |  |  |  |
| 3181 | 044_UA03339459_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 31 |  |  |  |  |  |
| 3182 | 044_UA03339459_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle) (rpm): 6600 rpm  | from | 19 |  |  |  |  |  |
| 3183 | 044_UA03339459_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 13 |  |  |  |  |  |
| 3184 | 044_UA03339459_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 3  |  |  |  |  |  |
| 3185 | 044_UA03339459_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 3  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|
| 3186 | 044_UA03339459_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 3    |    |  |  |  |  |
| 3187 | 044_UA03339459_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 3    |    |  |  |  |  |
| 3188 | 044_UA03339459_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 3    |    |  |  |  |  |
| 3189 | 044_UA03339459_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 3    |    |  |  |  |  |
| 3190 | 044_UA03339459_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 3    |    |  |  |  |  |
| 3191 | 044_UA03339459_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 3    |    |  |  |  |  |
| 3192 | 044_UA03339459_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 3  |  |  |  |  |
| 3193 | 044_UA03339459_0022 | Equipment | Electrical | Civil protection equipment |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (5) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 13 |  |  |  |  |
| 3194 | 044_UA03339459_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 3    |    |  |  |  |  |
| 3195 | 044_UA03339459_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 38   |    |  |  |  |  |
| 3196 | 044_UA03339459_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 38   |    |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 3197 | 044_UA03339459_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 38  |  |  |  |  |  |
| 3198 | 044_UA03339459_0027 | Equipment |  |  |  | Rail jacks   | load capacity 5 t   | from | 5   |  |  |  |  |  |
| 3199 | 044_UA03339459_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 5   |  |  |  |  |  |
| 3200 | 044_UA03339459_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3   |  |  |  |  |  |
| 3201 | 044_UA03339459_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 13  |  |  |  |  |  |
| 3202 | 044_UA03339459_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mA / h, clip belt   | from | 50  |  |  |  |  |  |
| 3203 | 044_UA03339459_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 50  |  |  |  |  |  |
| 3204 | 044_UA03339459_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 75  |  |  |  |  |  |
| 3205 | 044_UA03339459_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 50  |  |  |  |  |  |
| 3206 | 044_UA03339459_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 50  |  |  |  |  |  |
| 3207 | 044_UA03339459_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 25  |  |  |  |  |  |
| 3208 | 044_UA03339459_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 63  |  |  |  |  |  |
| 3209 | 044_UA03339459_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 125 |  |  |  |  |  |
| 3210 | 044_UA03339459_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 6   |  |  |  |  |  |
| 3211 | 044_UA03339459_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 13  |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 3212 | 044_UA03339459_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 6  |  |  |  |  |  |
| 3213 | 044_UA03339459_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m: 50; * Power, W: 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 6  |  |  |  |  |  |
| 3214 | 044_UA03339459_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 3215 | 044_UA03339459_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 15 |  |  |  |  |  |
| 3216 | 076_UA05524660_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 2  |  |  |  |  |  |
| 3217 | 076_UA05524660_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 3  |  |  |  |  |  |
| 3218 | 076_UA05524660_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I - post                                   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 1  |  |  |  |  |  |
| 3219 | 076_UA05524660_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1  |  |  |  |  |  |
| 3220 | 076_UA05524660_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 1  |  |  |  |  |  |
| 3221 | 076_UA05524660_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 3  |  |  |  |  |  |

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| 3222 | 076_UA05524660_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 1    |   |  |  |  |  |  |
| 3223 | 076_UA05524660_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 5    |   |  |  |  |  |  |
| 3224 | 076_UA05524660_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 5    |   |  |  |  |  |  |
| 3225 | 076_UA05524660_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 6    |   |  |  |  |  |  |
| 3226 | 076_UA05524660_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 4    |   |  |  |  |  |  |
| 3227 | 076_UA05524660_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 3    |   |  |  |  |  |  |
| 3228 | 076_UA05524660_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 1    |   |  |  |  |  |  |
| 3229 | 076_UA05524660_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 3230 | 076_UA05524660_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |  |
| 3231 | 076_UA05524660_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |  |
| 3232 | 076_UA05524660_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |  |
| 3233 | 076_UA05524660_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 1    |   |  |  |  |  |  |
| 3234 | 076_UA05524660_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 3235 | 076_UA05524660_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 1    |   |  |  |  |  |  |
| 3236 | 076_UA05524660_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 3237 | 076_UA05524660_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (5) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 3  |  |  |  |  |  |
| 3238 | 076_UA05524660_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 3239 | 076_UA05524660_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 8  |  |  |  |  |  |
| 3240 | 076_UA05524660_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 8  |  |  |  |  |  |
| 3241 | 076_UA05524660_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 8  |  |  |  |  |  |
| 3242 | 076_UA05524660_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 3243 | 076_UA05524660_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 3244 | 076_UA05524660_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 3245 | 076_UA05524660_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 3  |  |  |  |  |  |
| 3246 | 076_UA05524660_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 10 |  |  |  |  |  |
| 3247 | 076_UA05524660_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 10 |  |  |  |  |  |
| 3248 | 076_UA05524660_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 15 |  |  |  |  |  |
| 3249 | 076_UA05524660_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 10 |  |  |  |  |  |
| 3250 | 076_UA05524660_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 10 |  |  |  |  |  |
| 3251 | 076_UA05524660_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 5  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 3252 | 076_UA05524660_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 13 |  |  |  |  |  |
| 3253 | 076_UA05524660_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 25 |  |  |  |  |  |
| 3254 | 076_UA05524660_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 3255 | 076_UA05524660_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than;<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 3  |  |  |  |  |  |
| 3256 | 076_UA05524660_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 1  |  |  |  |  |  |
| 3257 | 076_UA05524660_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>in - 220 I move * Voltage, in - 220   | from | 1  |  |  |  |  |  |
| 3258 | 076_UA05524660_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 3259 | 076_UA05524660_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 3  |  |  |  |  |  |
| 3260 | 045_UA20262860_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 16 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|
| 3261 | 045_UA20262860_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm <sup>3</sup> ) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 20   |   |  |  |  |  |
| 3262 | 045_UA20262860_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 10   |   |  |  |  |  |
| 3263 | 045_UA20262860_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7   | from | 4 |  |  |  |  |
| 3264 | 045_UA20262860_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4 |  |  |  |  |
| 3265 | 045_UA20262860_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case  | from  | 20   |   |  |  |  |  |
| 3266 | 045_UA20262860_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 10   |   |  |  |  |  |
| 3267 | 045_UA20262860_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 39   |   |  |  |  |  |
| 3268 | 045_UA20262860_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 39   |   |  |  |  |  |
| 3269 | 045_UA20262860_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 49   |   |  |  |  |  |
| 3270 | 045_UA20262860_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 29   |   |  |  |  |  |
| 3271 | 045_UA20262860_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 20   |   |  |  |  |  |
| 3272 | 045_UA20262860_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 4    |   |  |  |  |  |
| 3273 | 045_UA20262860_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 4    |   |  |  |  |  |
| 3274 | 045_UA20262860_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 4    |   |  |  |  |  |
| 3275 | 045_UA20262860_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 4    |   |  |  |  |  |
| 3276 | 045_UA20262860_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 4    |   |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|--|
| 3277 | 045_UA20262860_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 3278 | 045_UA20262860_0019 | Equipment |            |                            |                     | The VFVB Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 3279 | 045_UA20262860_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 4  |  |  |  |  |  |
| 3280 | 045_UA20262860_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 4  |  |  |  |  |  |
| 3281 | 045_UA20262860_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 60 sec., Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 20 |  |  |  |  |  |
| 3282 | 045_UA20262860_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 4  |  |  |  |  |  |
| 3283 | 045_UA20262860_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 59 |  |  |  |  |  |
| 3284 | 045_UA20262860_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 59 |  |  |  |  |  |
| 3285 | 045_UA20262860_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   |   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from | 59 |  |  |  |  |  |
| 3286 | 045_UA20262860_0027 | Equipment |            |                            |                     | Rail jacks  |   | load capacity 5 t   | from | 8  |  |  |  |  |  |
| 3287 | 045_UA20262860_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  |   | load capacity 5 t   | from | 8  |  |  |  |  |  |
| 3288 | 045_UA20262860_0029 | Equipment |            |                            |                     | Compressor up to 10 At  |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 4  |  |  |  |  |  |
| 3289 | 045_UA20262860_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 20 |  |  |  |  |  |
| 3290 | 045_UA20262860_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 78 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|--|---|------|-----|--|--|--|--|--|
| 3291 | 045_UA20262860_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 78  |  |  |  |  |  |
| 3292 | 045_UA20262860_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 118 |  |  |  |  |  |
| 3293 | 045_UA20262860_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 78  |  |  |  |  |  |
| 3294 | 045_UA20262860_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 78  |  |  |  |  |  |
| 3295 | 045_UA20262860_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensons: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 39  |  |  |  |  |  |
| 3296 | 045_UA20262860_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 98  |  |  |  |  |  |
| 3297 | 045_UA20262860_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 196 |  |  |  |  |  |
| 3298 | 045_UA20262860_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 10  |  |  |  |  |  |
| 3299 | 045_UA20262860_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 20  |  |  |  |  |  |
| 3300 | 045_UA20262860_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 10  |  |  |  |  |  |

|      |                     |           |  |  |  |  |  |   |      |    |  |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|--|
| 3301 | 045_UA20262860_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 10 |  |  |  |  |  |  |
| 3302 | 045_UA20262860_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |  |
| 3303 | 045_UA20262860_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 24 |  |  |  |  |  |  |
| 3304 | 046_UA03340920_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 24 |  |  |  |  |  |  |
| 3305 | 046_UA03340920_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 30 |  |  |  |  |  |  |
| 3306 | 046_UA03340920_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 15 |  |  |  |  |  |  |
| 3307 | 046_UA03340920_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 6  |  |  |  |  |  |  |
| 3308 | 046_UA03340920_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 6  |  |  |  |  |  |  |
| 3309 | 046_UA03340920_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 30 |  |  |  |  |  |  |
| 3310 | 046_UA03340920_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 15 |  |  |  |  |  |  |
| 3311 | 046_UA03340920_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 61 |  |  |  |  |  |  |
| 3312 | 046_UA03340920_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 61 |  |  |  |  |  |  |
| 3313 | 046_UA03340920_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 76 |  |  |  |  |  |  |
| 3314 | 046_UA03340920_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 45 |  |  |  |  |  |  |



|      |                     |           |  |  |  |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|---|---|---|------|----|--|--|--|--|--|
| 3315 | 046_UA03340920_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 30 |  |  |  |  |  |
| 3316 | 046_UA03340920_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 6  |  |  |  |  |  |
| 3317 | 046_UA03340920_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 6  |  |  |  |  |  |
| 3318 | 046_UA03340920_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 6  |  |  |  |  |  |
| 3319 | 046_UA03340920_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 6  |  |  |  |  |  |
| 3320 | 046_UA03340920_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 6  |  |  |  |  |  |
| 3321 | 046_UA03340920_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 6  |  |  |  |  |  |
| 3322 | 046_UA03340920_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 6  |  |  |  |  |  |
| 3323 | 046_UA03340920_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 6  |  |  |  |  |  |
| 3324 | 046_UA03340920_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 6  |  |  |  |  |  |
| 3325 | 046_UA03340920_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - Kvadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 30 |  |  |  |  |  |

|      |                     |           |            |                            |                     |  |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|-----|--|--|--|--|--|
| 3326 | 046_UA03340920_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 6   |  |  |  |  |  |
| 3327 | 046_UA03340920_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 91  |  |  |  |  |  |
| 3328 | 046_UA03340920_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 91  |  |  |  |  |  |
| 3329 | 046_UA03340920_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 91  |  |  |  |  |  |
| 3330 | 046_UA03340920_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 12  |  |  |  |  |  |
| 3331 | 046_UA03340920_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 12  |  |  |  |  |  |
| 3332 | 046_UA03340920_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 6   |  |  |  |  |  |
| 3333 | 046_UA03340920_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 30  |  |  |  |  |  |
| 3334 | 046_UA03340920_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 121 |  |  |  |  |  |
| 3335 | 046_UA03340920_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 121 |  |  |  |  |  |
| 3336 | 046_UA03340920_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 182 |  |  |  |  |  |
| 3337 | 046_UA03340920_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 121 |  |  |  |  |  |
| 3338 | 046_UA03340920_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 121 |  |  |  |  |  |
| 3339 | 046_UA03340920_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 61  |  |  |  |  |  |
| 3340 | 046_UA03340920_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 152 |  |  |  |  |  |
| 3341 | 046_UA03340920_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 303 |  |  |  |  |  |
| 3342 | 046_UA03340920_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 15  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|
| 3343 | 046_UA03340920_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.): Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave $\pm 5\%$ 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, $\mu V$ not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than $\pm 2.7$ . Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 30 |  |  |  |  |
| 3344 | 046_UA03340920_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time $\leq 8$ hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m $\rightarrow$ 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 15 |  |  |  |  |
| 3345 | 046_UA03340920_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 15 |  |  |  |  |
| 3346 | 046_UA03340920_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 3  |  |  |  |  |
| 3347 | 046_UA03340920_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 36 |  |  |  |  |
| 3348 | 082_UA03361075_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 28 |  |  |  |  |
| 3349 | 082_UA03361075_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 35 |  |  |  |  |
| 3350 | 082_UA03361075_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode $\phi$ 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 18 |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 3351 | 082_UA03361075_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3.9; Ø4.7   | from | 7  |  |  |  |  |  |
| 3352 | 082_UA03361075_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 7  |  |  |  |  |  |
| 3353 | 082_UA03361075_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 35 |  |  |  |  |  |
| 3354 | 082_UA03361075_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 18 |  |  |  |  |  |
| 3355 | 082_UA03361075_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 70 |  |  |  |  |  |
| 3356 | 082_UA03361075_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 70 |  |  |  |  |  |
| 3357 | 082_UA03361075_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 88 |  |  |  |  |  |
| 3358 | 082_UA03361075_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 53 |  |  |  |  |  |
| 3359 | 082_UA03361075_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 35 |  |  |  |  |  |
| 3360 | 082_UA03361075_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 7  |  |  |  |  |  |
| 3361 | 082_UA03361075_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 7  |  |  |  |  |  |
| 3362 | 082_UA03361075_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 7  |  |  |  |  |  |
| 3363 | 082_UA03361075_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 7  |  |  |  |  |  |
| 3364 | 082_UA03361075_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 7  |  |  |  |  |  |
| 3365 | 082_UA03361075_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 7  |  |  |  |  |  |
| 3366 | 082_UA03361075_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 7  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|-----|--|--|--|--|--|
| 3367 | 082_UA03361075_0020 | Equipment |            |                            |                     |   | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 7   |  |  |  |  |  |
| 3368 | 082_UA03361075_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, High pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 7   |  |  |  |  |  |
| 3369 | 082_UA03361075_0022 | Equipment |            |                            |                     |   | Mobile lighting installation  | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 35  |  |  |  |  |  |
| 3370 | 082_UA03361075_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 7   |  |  |  |  |  |
| 3371 | 082_UA03361075_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 105 |  |  |  |  |  |
| 3372 | 082_UA03361075_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 105 |  |  |  |  |  |
| 3373 | 082_UA03361075_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   |   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase  | from | 105 |  |  |  |  |  |
| 3374 | 082_UA03361075_0027 | Equipment |            |                            |                     | Rail jacks  |   | load capacity 5 t   | from | 14  |  |  |  |  |  |
| 3375 | 082_UA03361075_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  |   | load capacity 5 t   | from | 14  |  |  |  |  |  |
| 3376 | 082_UA03361075_0029 | Equipment |            |                            |                     | Compressor up to 10 At  |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 7   |  |  |  |  |  |
| 3377 | 082_UA03361075_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 35  |  |  |  |  |  |
| 3378 | 082_UA03361075_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 140 |  |  |  |  |  |
| 3379 | 082_UA03361075_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 140 |  |  |  |  |  |
| 3380 | 082_UA03361075_0033 | Equipment |            |                            |                     | The lights are explosion-proof  |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 210 |  |  |  |  |  |
| 3381 | 082_UA03361075_0034 | Equipment |            |                            |                     | Life jackets  |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 140 |  |  |  |  |  |

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| 3382 | 082_UA03361075_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 140 |  |  |  |  |  |
| 3383 | 082_UA03361075_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 70  |  |  |  |  |  |
| 3384 | 082_UA03361075_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 x - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 175 |  |  |  |  |  |
| 3385 | 082_UA03361075_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 350 |  |  |  |  |  |
| 3386 | 082_UA03361075_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 18  |  |  |  |  |  |
| 3387 | 082_UA03361075_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 35  |  |  |  |  |  |
| 3388 | 082_UA03361075_0041 | Equipment |  |  |  | Laser ELI leak indicator                               |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m > 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 18  |  |  |  |  |  |
| 3389 | 082_UA03361075_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 18  |  |  |  |  |  |
| 3390 | 082_UA03361075_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 4   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|----|--|--|--|--|--|
| 3391 | 082_UA03361075_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 42 |  |  |  |  |  |
| 3392 | 047_UA03344071_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 15 |  |  |  |  |  |
| 3393 | 047_UA03344071_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 18 |  |  |  |  |  |
| 3394 | 047_UA03344071_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 9  |  |  |  |  |  |
| 3395 | 047_UA03344071_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 4  |  |  |  |  |  |
| 3396 | 047_UA03344071_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |
| 3397 | 047_UA03344071_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 18 |  |  |  |  |  |
| 3398 | 047_UA03344071_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 9  |  |  |  |  |  |
| 3399 | 047_UA03344071_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 36 |  |  |  |  |  |
| 3400 | 047_UA03344071_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 36 |  |  |  |  |  |
| 3401 | 047_UA03344071_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 46 |  |  |  |  |  |
| 3402 | 047_UA03344071_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 27 |  |  |  |  |  |
| 3403 | 047_UA03344071_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 18 |  |  |  |  |  |
| 3404 | 047_UA03344071_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 4  |  |  |  |  |  |
| 3405 | 047_UA03344071_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 4  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 3406 | 047_UA03344071_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 4    |   |  |  |  |  |
| 3407 | 047_UA03344071_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 4    |   |  |  |  |  |
| 3408 | 047_UA03344071_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 4    |   |  |  |  |  |
| 3409 | 047_UA03344071_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 4    |   |  |  |  |  |
| 3410 | 047_UA03344071_0019 | Equipment |            |                            |                     | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 4    |   |  |  |  |  |
| 3411 | 047_UA03344071_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 4    |   |  |  |  |  |
| 3412 | 047_UA03344071_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 4 |  |  |  |  |
| 3413 | 047_UA03344071_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 18   |   |  |  |  |  |
| 3414 | 047_UA03344071_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 4    |   |  |  |  |  |
| 3415 | 047_UA03344071_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 55   |   |  |  |  |  |
| 3416 | 047_UA03344071_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 55   |   |  |  |  |  |



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| 3417 | 047_UA03344071_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" plastic suitcase<br>load capacity 5 t  | from | 55  |  |  |  |  |  |
| 3418 | 047_UA03344071_0027 | Equipment |  |  |  | Rail jacks   |  | from | 7   |  |  |  |  |  |
| 3419 | 047_UA03344071_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 7   |  |  |  |  |  |
| 3420 | 047_UA03344071_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 4   |  |  |  |  |  |
| 3421 | 047_UA03344071_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 18  |  |  |  |  |  |
| 3422 | 047_UA03344071_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mAh / h, clip belt   | from | 73  |  |  |  |  |  |
| 3423 | 047_UA03344071_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 73  |  |  |  |  |  |
| 3424 | 047_UA03344071_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 109 |  |  |  |  |  |
| 3425 | 047_UA03344071_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 73  |  |  |  |  |  |
| 3426 | 047_UA03344071_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 73  |  |  |  |  |  |
| 3427 | 047_UA03344071_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 36  |  |  |  |  |  |
| 3428 | 047_UA03344071_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 91  |  |  |  |  |  |
| 3429 | 047_UA03344071_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 182 |  |  |  |  |  |
| 3430 | 047_UA03344071_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 9   |  |  |  |  |  |
| 3431 | 047_UA03344071_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than % ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 18  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 3432 | 047_UA03344071_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 9  |  |  |  |  |  |
| 3433 | 047_UA03344071_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 9  |  |  |  |  |  |
| 3434 | 047_UA03344071_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |
| 3435 | 047_UA03344071_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 22 |  |  |  |  |  |
| 3436 | 048_UA05448610_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 11 |  |  |  |  |  |
| 3437 | 048_UA05448610_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 14 |  |  |  |  |  |
| 3438 | 048_UA05448610_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 7  |  |  |  |  |  |
| 3439 | 048_UA05448610_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 3  |  |  |  |  |  |
| 3440 | 048_UA05448610_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 3  |  |  |  |  |  |
| 3441 | 048_UA05448610_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 14 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|---|---|------|---|--|--|--|--|--|
| 3442 | 048_UA05448610_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 7    |   |  |  |  |  |  |
| 3443 | 048_UA05448610_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 28   |   |  |  |  |  |  |
| 3444 | 048_UA05448610_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 28   |   |  |  |  |  |  |
| 3445 | 048_UA05448610_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 35   |   |  |  |  |  |  |
| 3446 | 048_UA05448610_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 21   |   |  |  |  |  |  |
| 3447 | 048_UA05448610_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 14   |   |  |  |  |  |  |
| 3448 | 048_UA05448610_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 3    |   |  |  |  |  |  |
| 3449 | 048_UA05448610_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 3    |   |  |  |  |  |  |
| 3450 | 048_UA05448610_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 3    |   |  |  |  |  |  |
| 3451 | 048_UA05448610_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 3    |   |  |  |  |  |  |
| 3452 | 048_UA05448610_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 3    |   |  |  |  |  |  |
| 3453 | 048_UA05448610_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 3    |   |  |  |  |  |  |
| 3454 | 048_UA05448610_0019 | Equipment |  |  |  | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 3    |   |  |  |  |  |  |
| 3455 | 048_UA05448610_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 3    |   |  |  |  |  |  |
| 3456 | 048_UA05448610_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 3 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 3457 | 048_UA05448610_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 14 |  |  |  |  |  |
| 3458 | 048_UA05448610_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 3  |  |  |  |  |  |
| 3459 | 048_UA05448610_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 41 |  |  |  |  |  |
| 3460 | 048_UA05448610_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 41 |  |  |  |  |  |
| 3461 | 048_UA05448610_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 41 |  |  |  |  |  |
| 3462 | 048_UA05448610_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 6  |  |  |  |  |  |
| 3463 | 048_UA05448610_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 6  |  |  |  |  |  |
| 3464 | 048_UA05448610_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3  |  |  |  |  |  |
| 3465 | 048_UA05448610_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 14 |  |  |  |  |  |
| 3466 | 048_UA05448610_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 55 |  |  |  |  |  |
| 3467 | 048_UA05448610_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 55 |  |  |  |  |  |
| 3468 | 048_UA05448610_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 83 |  |  |  |  |  |
| 3469 | 048_UA05448610_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 55 |  |  |  |  |  |
| 3470 | 048_UA05448610_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 55 |  |  |  |  |  |
| 3471 | 048_UA05448610_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 28 |  |  |  |  |  |

|      |                     |           |  |  |  |  |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 3472 | 048_UA05448610_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 69  |  |  |  |  |  |
| 3473 | 048_UA05448610_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 138 |  |  |  |  |  |
| 3474 | 048_UA05448610_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 7   |  |  |  |  |  |
| 3475 | 048_UA05448610_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than;<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 14  |  |  |  |  |  |
| 3476 | 048_UA05448610_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 7   |  |  |  |  |  |
| 3477 | 048_UA05448610_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>In - 220 I move * Voltage, In - 220   | from | 7   |  |  |  |  |  |
| 3478 | 048_UA05448610_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 1   |  |  |  |  |  |
| 3479 | 048_UA05448610_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 17  |  |  |  |  |  |
| 3480 | 049_UA03345716_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 19  |  |  |  |  |  |

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| 3481 | 049_UA03345716_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm <sup>3</sup> ) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 24   |   |  |  |  |  |
| 3482 | 049_UA03345716_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 12   |   |  |  |  |  |
| 3483 | 049_UA03345716_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7   | from | 5 |  |  |  |  |
| 3484 | 049_UA03345716_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 5 |  |  |  |  |
| 3485 | 049_UA03345716_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, 8 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, 8 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from  | 24   |   |  |  |  |  |
| 3486 | 049_UA03345716_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 12   |   |  |  |  |  |
| 3487 | 049_UA03345716_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 48   |   |  |  |  |  |
| 3488 | 049_UA03345716_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 48   |   |  |  |  |  |
| 3489 | 049_UA03345716_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 60   |   |  |  |  |  |
| 3490 | 049_UA03345716_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 36   |   |  |  |  |  |
| 3491 | 049_UA03345716_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 24   |   |  |  |  |  |
| 3492 | 049_UA03345716_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 5    |   |  |  |  |  |
| 3493 | 049_UA03345716_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 5    |   |  |  |  |  |
| 3494 | 049_UA03345716_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 5    |   |  |  |  |  |
| 3495 | 049_UA03345716_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 5    |   |  |  |  |  |
| 3496 | 049_UA03345716_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 5    |   |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|--|
| 3497 | 049_UA03345716_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 5  |  |  |  |  |  |
| 3498 | 049_UA03345716_0019 | Equipment |            |                            |                     | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 5  |  |  |  |  |  |
| 3499 | 049_UA03345716_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 5  |  |  |  |  |  |
| 3500 | 049_UA03345716_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 5  |  |  |  |  |  |
| 3501 | 049_UA03345716_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 24 |  |  |  |  |  |
| 3502 | 049_UA03345716_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 5    |    |  |  |  |  |  |
| 3503 | 049_UA03345716_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 72   |    |  |  |  |  |  |
| 3504 | 049_UA03345716_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 72   |    |  |  |  |  |  |
| 3505 | 049_UA03345716_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "; 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders; 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 72   |    |  |  |  |  |  |
| 3506 | 049_UA03345716_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 10   |    |  |  |  |  |  |
| 3507 | 049_UA03345716_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 10   |    |  |  |  |  |  |
| 3508 | 049_UA03345716_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 5    |    |  |  |  |  |  |
| 3509 | 049_UA03345716_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 24   |    |  |  |  |  |  |
| 3510 | 049_UA03345716_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 96   |    |  |  |  |  |  |

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| 3511 | 049_UA03345716_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt- 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 96  |  |  |  |  |  |
| 3512 | 049_UA03345716_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 144 |  |  |  |  |  |
| 3513 | 049_UA03345716_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 96  |  |  |  |  |  |
| 3514 | 049_UA03345716_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 96  |  |  |  |  |  |
| 3515 | 049_UA03345716_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 48  |  |  |  |  |  |
| 3516 | 049_UA03345716_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 120 |  |  |  |  |  |
| 3517 | 049_UA03345716_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 241 |  |  |  |  |  |
| 3518 | 049_UA03345716_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 12  |  |  |  |  |  |
| 3519 | 049_UA03345716_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 24  |  |  |  |  |  |
| 3520 | 049_UA03345716_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 12  |  |  |  |  |  |



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| 3521 | 049_UA03345716_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 12 |  |  |  |  |  |  |
| 3522 | 049_UA03345716_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |  |
| 3523 | 049_UA03345716_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 29 |  |  |  |  |  |  |
| 3524 | 050_UA03361046_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 17 |  |  |  |  |  |  |
| 3525 | 050_UA03361046_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 21 |  |  |  |  |  |  |
| 3526 | 050_UA03361046_0003 | Equipment |  |  |  | Autonomous welding unit DGV 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 10 |  |  |  |  |  |  |
| 3527 | 050_UA03361046_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 4  |  |  |  |  |  |  |
| 3528 | 050_UA03361046_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |  |
| 3529 | 050_UA03361046_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 21 |  |  |  |  |  |  |
| 3530 | 050_UA03361046_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 10 |  |  |  |  |  |  |
| 3531 | 050_UA03361046_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 41 |  |  |  |  |  |  |
| 3532 | 050_UA03361046_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 41 |  |  |  |  |  |  |
| 3533 | 050_UA03361046_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 52 |  |  |  |  |  |  |
| 3534 | 050_UA03361046_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 31 |  |  |  |  |  |  |

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| 3535 | 050_UA03361046_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 21 |  |  |  |  |  |
| 3536 | 050_UA03361046_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 4  |  |  |  |  |  |
| 3537 | 050_UA03361046_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 3538 | 050_UA03361046_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 4  |  |  |  |  |  |
| 3539 | 050_UA03361046_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 4  |  |  |  |  |  |
| 3540 | 050_UA03361046_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 4  |  |  |  |  |  |
| 3541 | 050_UA03361046_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 3542 | 050_UA03361046_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 3543 | 050_UA03361046_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 4  |  |  |  |  |  |
| 3544 | 050_UA03361046_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 4  |  |  |  |  |  |
| 3545 | 050_UA03361046_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - 4Kvadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 21 |  |  |  |  |  |

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| 3546 | 050_UA03361046_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 4   |  |  |  |  |  |
| 3547 | 050_UA03361046_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 62  |  |  |  |  |  |
| 3548 | 050_UA03361046_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 62  |  |  |  |  |  |
| 3549 | 050_UA03361046_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 62  |  |  |  |  |  |
| 3550 | 050_UA03361046_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 8   |  |  |  |  |  |
| 3551 | 050_UA03361046_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 8   |  |  |  |  |  |
| 3552 | 050_UA03361046_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 4   |  |  |  |  |  |
| 3553 | 050_UA03361046_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 21  |  |  |  |  |  |
| 3554 | 050_UA03361046_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 83  |  |  |  |  |  |
| 3555 | 050_UA03361046_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 83  |  |  |  |  |  |
| 3556 | 050_UA03361046_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 124 |  |  |  |  |  |
| 3557 | 050_UA03361046_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 83  |  |  |  |  |  |
| 3558 | 050_UA03361046_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 83  |  |  |  |  |  |
| 3559 | 050_UA03361046_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 41  |  |  |  |  |  |
| 3560 | 050_UA03361046_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 103 |  |  |  |  |  |
| 3561 | 050_UA03361046_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 207 |  |  |  |  |  |
| 3562 | 050_UA03361046_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 10  |  |  |  |  |  |

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| 3563 | 050_UA03361046_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave $\pm 5\%$ 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, $\mu V$ not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than $\pm 2.7$ . Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 21 |  |  |  |  |
| 3564 | 050_UA03361046_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time $\leq 8$ hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m $\rightarrow$ 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 10 |  |  |  |  |
| 3565 | 050_UA03361046_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 10 |  |  |  |  |
| 3566 | 050_UA03361046_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |
| 3567 | 050_UA03361046_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 25 |  |  |  |  |
| 3568 | 051_UA03346331_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) .): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 36 |  |  |  |  |
| 3569 | 051_UA03346331_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 45 |  |  |  |  |
| 3570 | 051_UA03346331_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode $\phi$ 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 23 |  |  |  |  |

|      |                     |           |  |  |  |  |  |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|--|--|---|------|-----|--|--|--|--|--|
| 3571 | 051_UA03346331_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 9   |  |  |  |  |  |
| 3572 | 051_UA03346331_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 9   |  |  |  |  |  |
| 3573 | 051_UA03346331_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 45  |  |  |  |  |  |
| 3574 | 051_UA03346331_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 23  |  |  |  |  |  |
| 3575 | 051_UA03346331_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 90  |  |  |  |  |  |
| 3576 | 051_UA03346331_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 90  |  |  |  |  |  |
| 3577 | 051_UA03346331_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 113 |  |  |  |  |  |
| 3578 | 051_UA03346331_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 68  |  |  |  |  |  |
| 3579 | 051_UA03346331_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 45  |  |  |  |  |  |
| 3580 | 051_UA03346331_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 9   |  |  |  |  |  |
| 3581 | 051_UA03346331_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 9   |  |  |  |  |  |
| 3582 | 051_UA03346331_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 9   |  |  |  |  |  |
| 3583 | 051_UA03346331_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 9   |  |  |  |  |  |
| 3584 | 051_UA03346331_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 9   |  |  |  |  |  |
| 3585 | 051_UA03346331_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 9   |  |  |  |  |  |
| 3586 | 051_UA03346331_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 9   |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|-----|--|--|--|--|--|
| 3587 | 051_UA03346331_0020 | Equipment |            |                            |                     |   | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 9   |  |  |  |  |  |
| 3588 | 051_UA03346331_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 9   |  |  |  |  |  |
| 3589 | 051_UA03346331_0022 | Equipment |            |                            |                     |   | Mobile lighting installation  | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 45  |  |  |  |  |  |
| 3590 | 051_UA03346331_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants |   | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 9   |  |  |  |  |  |
| 3591 | 051_UA03346331_0024 | Equipment |            |                            |                     |   | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 135 |  |  |  |  |  |
| 3592 | 051_UA03346331_0025 | Equipment |            |                            |                     |   | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 135 |  |  |  |  |  |
| 3593 | 051_UA03346331_0026 | Equipment |            |                            |                     |   | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase  | from | 135 |  |  |  |  |  |
| 3594 | 051_UA03346331_0027 | Equipment |            |                            |                     |   | Rail jacks  | load capacity 5 t   | from | 18  |  |  |  |  |  |
| 3595 | 051_UA03346331_0028 | Equipment |            |                            |                     |   | Hydraulic jacks 5 t.  | load capacity 5 t   | from | 18  |  |  |  |  |  |
| 3596 | 051_UA03346331_0029 | Equipment |            |                            |                     |   | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 9   |  |  |  |  |  |
| 3597 | 051_UA03346331_0030 | Equipment |            |                            |                     |   | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 45  |  |  |  |  |  |
| 3598 | 051_UA03346331_0031 | Equipment |            |                            |                     |   | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 180 |  |  |  |  |  |
| 3599 | 051_UA03346331_0032 | Equipment |            |                            |                     |   | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 180 |  |  |  |  |  |
| 3600 | 051_UA03346331_0033 | Equipment |            |                            |                     |   | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 270 |  |  |  |  |  |
| 3601 | 051_UA03346331_0034 | Equipment |            |                            |                     |   | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 180 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|--|------|-----|--|--|--|--|--|
| 3602 | 051_UA03346331_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 180 |  |  |  |  |  |
| 3603 | 051_UA03346331_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 90  |  |  |  |  |  |
| 3604 | 051_UA03346331_0037 | Equipment |  |  |  | GOUATH gas analyzer or similar                         |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 225 |  |  |  |  |  |
| 3605 | 051_UA03346331_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 450 |  |  |  |  |  |
| 3606 | 051_UA03346331_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 23  |  |  |  |  |  |
| 3607 | 051_UA03346331_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 45  |  |  |  |  |  |
| 3608 | 051_UA03346331_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 23  |  |  |  |  |  |
| 3609 | 051_UA03346331_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 23  |  |  |  |  |  |
| 3610 | 051_UA03346331_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 5   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|-----|--|--|--|--|--|
| 3611 | 051_UA03346331_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 54  |  |  |  |  |  |
| 3612 | 052_UA20578072_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 36  |  |  |  |  |  |
| 3613 | 052_UA20578072_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 45  |  |  |  |  |  |
| 3614 | 052_UA20578072_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 22  |  |  |  |  |  |
| 3615 | 052_UA20578072_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 9   |  |  |  |  |  |
| 3616 | 052_UA20578072_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 9   |  |  |  |  |  |
| 3617 | 052_UA20578072_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case  | from | 45  |  |  |  |  |  |
| 3618 | 052_UA20578072_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 22  |  |  |  |  |  |
| 3619 | 052_UA20578072_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 90  |  |  |  |  |  |
| 3620 | 052_UA20578072_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 90  |  |  |  |  |  |
| 3621 | 052_UA20578072_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 112 |  |  |  |  |  |
| 3622 | 052_UA20578072_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 67  |  |  |  |  |  |
| 3623 | 052_UA20578072_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 45  |  |  |  |  |  |
| 3624 | 052_UA20578072_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 9   |  |  |  |  |  |
| 3625 | 052_UA20578072_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 9   |  |  |  |  |  |



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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 3626 | 052_UA20578072_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 9    |   |  |  |  |  |
| 3627 | 052_UA20578072_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 9    |   |  |  |  |  |
| 3628 | 052_UA20578072_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 9    |   |  |  |  |  |
| 3629 | 052_UA20578072_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 9    |   |  |  |  |  |
| 3630 | 052_UA20578072_0019 | Equipment |            |                            |                     | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 9    |   |  |  |  |  |
| 3631 | 052_UA20578072_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 9    |   |  |  |  |  |
| 3632 | 052_UA20578072_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 9 |  |  |  |  |
| 3633 | 052_UA20578072_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 45   |   |  |  |  |  |
| 3634 | 052_UA20578072_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 9    |   |  |  |  |  |
| 3635 | 052_UA20578072_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 135  |   |  |  |  |  |
| 3636 | 052_UA20578072_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 135  |   |  |  |  |  |

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| 3637 | 052_UA20578072_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" plastic suitcase   | from | 135 |  |  |  |  |  |
| 3638 | 052_UA20578072_0027 | Equipment |  |  |  | Rail jacks   | load capacity 5 t  | from | 18  |  |  |  |  |  |
| 3639 | 052_UA20578072_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 18  |  |  |  |  |  |
| 3640 | 052_UA20578072_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 9   |  |  |  |  |  |
| 3641 | 052_UA20578072_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 45  |  |  |  |  |  |
| 3642 | 052_UA20578072_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mAh / h, clip belt   | from | 180 |  |  |  |  |  |
| 3643 | 052_UA20578072_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 180 |  |  |  |  |  |
| 3644 | 052_UA20578072_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 270 |  |  |  |  |  |
| 3645 | 052_UA20578072_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 180 |  |  |  |  |  |
| 3646 | 052_UA20578072_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 180 |  |  |  |  |  |
| 3647 | 052_UA20578072_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 90  |  |  |  |  |  |
| 3648 | 052_UA20578072_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 225 |  |  |  |  |  |
| 3649 | 052_UA20578072_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 449 |  |  |  |  |  |
| 3650 | 052_UA20578072_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 22  |  |  |  |  |  |
| 3651 | 052_UA20578072_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 45  |  |  |  |  |  |

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| 3652 | 052_UA020578072_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 22 |  |  |  |  |  |  |
| 3653 | 052_UA020578072_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 22 |  |  |  |  |  |  |
| 3654 | 052_UA020578072_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 4  |  |  |  |  |  |  |
| 3655 | 052_UA020578072_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 54 |  |  |  |  |  |  |
| 3656 | 071_UA03365222_0001  | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 10 |  |  |  |  |  |  |
| 3657 | 071_UA03365222_0002  | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 13 |  |  |  |  |  |  |
| 3658 | 071_UA03365222_0003  | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 6  |  |  |  |  |  |  |
| 3659 | 071_UA03365222_0004  | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 3  |  |  |  |  |  |  |
| 3660 | 071_UA03365222_0005  | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 3  |  |  |  |  |  |  |
| 3661 | 071_UA03365222_0006  | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 13 |  |  |  |  |  |  |

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| 3662 | 071_UA03365222_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from  | 6    |   |  |  |  |  |  |
| 3663 | 071_UA03365222_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.   | from  | 25   |   |  |  |  |  |  |
| 3664 | 071_UA03365222_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.  | from  | 25   |   |  |  |  |  |  |
| 3665 | 071_UA03365222_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from  | 31   |   |  |  |  |  |  |
| 3666 | 071_UA03365222_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from  | 19   |   |  |  |  |  |  |
| 3667 | 071_UA03365222_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from  | 13   |   |  |  |  |  |  |
| 3668 | 071_UA03365222_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from  | 3    |   |  |  |  |  |  |
| 3669 | 071_UA03365222_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from  | 3    |   |  |  |  |  |  |
| 3670 | 071_UA03365222_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8   | from  | 3    |   |  |  |  |  |  |
| 3671 | 071_UA03365222_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14  | from  | 3    |   |  |  |  |  |  |
| 3672 | 071_UA03365222_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes   | from  | 3    |   |  |  |  |  |  |
| 3673 | 071_UA03365222_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70  | from  | 3    |   |  |  |  |  |  |
| 3674 | 071_UA03365222_0019 | Equipment |  |  |  | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21  | from  | 3    |   |  |  |  |  |  |
| 3675 | 071_UA03365222_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from  | 3    |   |  |  |  |  |  |
| 3676 | 071_UA03365222_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm <sup>2</sup> and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA ANIS (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm <sup>2</sup> ); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 3 |  |  |  |  |  |

|      |                     |           |            |                            |                     |  |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 3677 | 071_UA03365222_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (5) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 13 |  |  |  |  |  |
| 3678 | 071_UA03365222_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 3  |  |  |  |  |  |
| 3679 | 071_UA03365222_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 38 |  |  |  |  |  |
| 3680 | 071_UA03365222_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 38 |  |  |  |  |  |
| 3681 | 071_UA03365222_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 38 |  |  |  |  |  |
| 3682 | 071_UA03365222_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 5  |  |  |  |  |  |
| 3683 | 071_UA03365222_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 5  |  |  |  |  |  |
| 3684 | 071_UA03365222_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3  |  |  |  |  |  |
| 3685 | 071_UA03365222_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 13 |  |  |  |  |  |
| 3686 | 071_UA03365222_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 50 |  |  |  |  |  |
| 3687 | 071_UA03365222_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 50 |  |  |  |  |  |
| 3688 | 071_UA03365222_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 75 |  |  |  |  |  |
| 3689 | 071_UA03365222_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 50 |  |  |  |  |  |
| 3690 | 071_UA03365222_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 50 |  |  |  |  |  |
| 3691 | 071_UA03365222_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPA / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 25 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 3692 | 071_UA03365222_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C<br>Operating time Depending on application and lighting<br>Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million measurement values<br>Protection type IP54<br>Dimensions 200 x 100 x 87 mm<br>Weight approx. 1,250 g<br>Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 63  |  |  |  |  |  |
| 3693 | 071_UA03365222_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 126 |  |  |  |  |  |
| 3694 | 071_UA03365222_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 6   |  |  |  |  |  |
| 3695 | 071_UA03365222_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f save ± 5 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than: ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 13  |  |  |  |  |  |
| 3696 | 071_UA03365222_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 6   |  |  |  |  |  |
| 3697 | 071_UA03365222_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 6   |  |  |  |  |  |
| 3698 | 071_UA03365222_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1   |  |  |  |  |  |
| 3699 | 071_UA03365222_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 15  |  |  |  |  |  |
| 3700 | 083_UA20413052_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15,6; 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 3701 | 083_UA20413052_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from | 5  |  |  |  |  |  |
| 3702 | 083_UA20413052_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |
| 3703 | 083_UA20413052_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | from | 1  |  |  |  |  |  |
| 3704 | 083_UA20413052_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 1  |  |  |  |  |  |
| 3705 | 083_UA20413052_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, 8 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, 8 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |
| 3706 | 083_UA20413052_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 3  |  |  |  |  |  |
| 3707 | 083_UA20413052_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 10 |  |  |  |  |  |
| 3708 | 083_UA20413052_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 10 |  |  |  |  |  |
| 3709 | 083_UA20413052_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 13 |  |  |  |  |  |
| 3710 | 083_UA20413052_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 8  |  |  |  |  |  |
| 3711 | 083_UA20413052_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 5  |  |  |  |  |  |
| 3712 | 083_UA20413052_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1  |  |  |  |  |  |
| 3713 | 083_UA20413052_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1  |  |  |  |  |  |
| 3714 | 083_UA20413052_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1  |  |  |  |  |  |
| 3715 | 083_UA20413052_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1  |  |  |  |  |  |
| 3716 | 083_UA20413052_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|--|
| 3717 | 083_UA20413052_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 3718 | 083_UA20413052_0019 | Equipment |            |                            |                     | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 3719 | 083_UA20413052_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 3720 | 083_UA20413052_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 3721 | 083_UA20413052_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 5 |  |  |  |  |  |
| 3722 | 083_UA20413052_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 1    |   |  |  |  |  |  |
| 3723 | 083_UA20413052_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 15   |   |  |  |  |  |  |
| 3724 | 083_UA20413052_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 15   |   |  |  |  |  |  |
| 3725 | 083_UA20413052_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders; 75; 125; 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 15   |   |  |  |  |  |  |
| 3726 | 083_UA20413052_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 2    |   |  |  |  |  |  |
| 3727 | 083_UA20413052_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 2    |   |  |  |  |  |  |
| 3728 | 083_UA20413052_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 1    |   |  |  |  |  |  |
| 3729 | 083_UA20413052_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 5    |   |  |  |  |  |  |
| 3730 | 083_UA20413052_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 20   |   |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|---|--|---|------|----|--|--|--|--|--|
| 3731 | 083_UA20413052_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 20 |  |  |  |  |  |
| 3732 | 083_UA20413052_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |
| 3733 | 083_UA20413052_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 20 |  |  |  |  |  |
| 3734 | 083_UA20413052_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |
| 3735 | 083_UA20413052_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, %LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 10 |  |  |  |  |  |
| 3736 | 083_UA20413052_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 25 |  |  |  |  |  |
| 3737 | 083_UA20413052_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 50 |  |  |  |  |  |
| 3738 | 083_UA20413052_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 3  |  |  |  |  |  |
| 3739 | 083_UA20413052_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 5  |  |  |  |  |  |
| 3740 | 083_UA20413052_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 3  |  |  |  |  |  |

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| 3741 | 083_UA20413052_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 3  |  |  |  |  |  |  |
| 3742 | 083_UA20413052_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |  |
| 3743 | 083_UA20413052_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 6  |  |  |  |  |  |  |
| 3744 | 077_UA03351734_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4  |  |  |  |  |  |  |
| 3745 | 077_UA03351734_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: S-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 5  |  |  |  |  |  |  |
| 3746 | 077_UA03351734_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |  |
| 3747 | 077_UA03351734_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1  |  |  |  |  |  |  |
| 3748 | 077_UA03351734_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1  |  |  |  |  |  |  |
| 3749 | 077_UA03351734_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |  |
| 3750 | 077_UA03351734_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 3  |  |  |  |  |  |  |
| 3751 | 077_UA03351734_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 10 |  |  |  |  |  |  |
| 3752 | 077_UA03351734_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 10 |  |  |  |  |  |  |
| 3753 | 077_UA03351734_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 13 |  |  |  |  |  |  |
| 3754 | 077_UA03351734_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 8  |  |  |  |  |  |  |

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| 3755 | 077_UA03351734_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 5 |  |  |  |  |  |
| 3756 | 077_UA03351734_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 3757 | 077_UA03351734_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 3758 | 077_UA03351734_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1 |  |  |  |  |  |
| 3759 | 077_UA03351734_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1 |  |  |  |  |  |
| 3760 | 077_UA03351734_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1 |  |  |  |  |  |
| 3761 | 077_UA03351734_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 3762 | 077_UA03351734_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 3763 | 077_UA03351734_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 3764 | 077_UA03351734_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 3765 | 077_UA03351734_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 5 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|----|--|--|--|--|--|
| 3766 | 077_UA03351734_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 1  |  |  |  |  |  |
| 3767 | 077_UA03351734_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 15 |  |  |  |  |  |
| 3768 | 077_UA03351734_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 15 |  |  |  |  |  |
| 3769 | 077_UA03351734_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 15 |  |  |  |  |  |
| 3770 | 077_UA03351734_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 3771 | 077_UA03351734_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 3772 | 077_UA03351734_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 3773 | 077_UA03351734_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 5  |  |  |  |  |  |
| 3774 | 077_UA03351734_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 20 |  |  |  |  |  |
| 3775 | 077_UA03351734_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 20 |  |  |  |  |  |
| 3776 | 077_UA03351734_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |
| 3777 | 077_UA03351734_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 20 |  |  |  |  |  |
| 3778 | 077_UA03351734_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |
| 3779 | 077_UA03351734_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 10 |  |  |  |  |  |
| 3780 | 077_UA03351734_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |
| 3781 | 077_UA03351734_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 50 |  |  |  |  |  |
| 3782 | 077_UA03351734_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 3  |  |  |  |  |  |

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| 3783 | 077_UA03351734_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 5  |  |  |  |  |
| 3784 | 077_UA03351734_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 3  |  |  |  |  |
| 3785 | 077_UA03351734_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 3  |  |  |  |  |
| 3786 | 077_UA03351734_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 1  |  |  |  |  |
| 3787 | 077_UA03351734_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 6  |  |  |  |  |
| 3788 | 053_UA03341397_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) .): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>  | from | 11 |  |  |  |  |
| 3789 | 053_UA03341397_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 14 |  |  |  |  |
| 3790 | 053_UA03341397_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 7  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 3791 | 053_UA03341397_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4.7   | from | 3  |  |  |  |  |  |
| 3792 | 053_UA03341397_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 3  |  |  |  |  |  |
| 3793 | 053_UA03341397_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 14 |  |  |  |  |  |
| 3794 | 053_UA03341397_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 7  |  |  |  |  |  |
| 3795 | 053_UA03341397_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 29 |  |  |  |  |  |
| 3796 | 053_UA03341397_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 29 |  |  |  |  |  |
| 3797 | 053_UA03341397_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 36 |  |  |  |  |  |
| 3798 | 053_UA03341397_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 22 |  |  |  |  |  |
| 3799 | 053_UA03341397_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 14 |  |  |  |  |  |
| 3800 | 053_UA03341397_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 3  |  |  |  |  |  |
| 3801 | 053_UA03341397_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 3  |  |  |  |  |  |
| 3802 | 053_UA03341397_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 3  |  |  |  |  |  |
| 3803 | 053_UA03341397_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 3  |  |  |  |  |  |
| 3804 | 053_UA03341397_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 3  |  |  |  |  |  |
| 3805 | 053_UA03341397_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 3  |  |  |  |  |  |
| 3806 | 053_UA03341397_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 3  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|--|------|----|--|--|--|--|--|
| 3807 | 053_UA03341397_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 3  |  |  |  |  |  |
| 3808 | 053_UA03341397_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 3  |  |  |  |  |  |
| 3809 | 053_UA03341397_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 14 |  |  |  |  |  |
| 3810 | 053_UA03341397_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from   | 3    |    |  |  |  |  |  |
| 3811 | 053_UA03341397_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from   | 43   |    |  |  |  |  |  |
| 3812 | 053_UA03341397_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from   | 43   |    |  |  |  |  |  |
| 3813 | 053_UA03341397_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 ": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 " extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from   | 43   |    |  |  |  |  |  |
| 3814 | 053_UA03341397_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from   | 6    |    |  |  |  |  |  |
| 3815 | 053_UA03341397_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from   | 6    |    |  |  |  |  |  |
| 3816 | 053_UA03341397_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from   | 3    |    |  |  |  |  |  |
| 3817 | 053_UA03341397_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from   | 14   |    |  |  |  |  |  |
| 3818 | 053_UA03341397_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from   | 57   |    |  |  |  |  |  |
| 3819 | 053_UA03341397_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * S/M/P mask - 2 pcs  | from   | 57   |    |  |  |  |  |  |
| 3820 | 053_UA03341397_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from   | 86   |    |  |  |  |  |  |
| 3821 | 053_UA03341397_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from   | 57   |    |  |  |  |  |  |

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| 3822 | 053_UA03341397_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 57  |  |  |  |  |  |
| 3823 | 053_UA03341397_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") * Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 29  |  |  |  |  |  |
| 3824 | 053_UA03341397_0037 | Equipment |  |  |  | GOUATH gas analyzer or similar                         |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 72  |  |  |  |  |  |
| 3825 | 053_UA03341397_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 144 |  |  |  |  |  |
| 3826 | 053_UA03341397_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 7   |  |  |  |  |  |
| 3827 | 053_UA03341397_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 14  |  |  |  |  |  |
| 3828 | 053_UA03341397_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 7   |  |  |  |  |  |
| 3829 | 053_UA03341397_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kv. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 7   |  |  |  |  |  |
| 3830 | 053_UA03341397_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 1   |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|---|--|------|----|--|--|--|--|--|
| 3831 | 053_UA03341397_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar  | from | 17 |  |  |  |  |  |
| 3832 | 054_UA05524713_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher   | from | 4  |  |  |  |  |  |
| 3833 | 054_UA05524713_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "  | from | 5  |  |  |  |  |  |
| 3834 | 054_UA05524713_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - I - post                                   |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 3  |  |  |  |  |  |
| 3835 | 054_UA05524713_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7  | from | 1  |  |  |  |  |  |
| 3836 | 054_UA05524713_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1  |  |  |  |  |  |
| 3837 | 054_UA05524713_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case   | from | 5  |  |  |  |  |  |
| 3838 | 054_UA05524713_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 3  |  |  |  |  |  |
| 3839 | 054_UA05524713_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 10 |  |  |  |  |  |
| 3840 | 054_UA05524713_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 10 |  |  |  |  |  |
| 3841 | 054_UA05524713_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 13 |  |  |  |  |  |
| 3842 | 054_UA05524713_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 8  |  |  |  |  |  |
| 3843 | 054_UA05524713_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from | 5  |  |  |  |  |  |
| 3844 | 054_UA05524713_0013 | Equipment |  |  |  | Hydraulic oil station GVP13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 1  |  |  |  |  |  |
| 3845 | 054_UA05524713_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 1  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |   |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 3846 | 054_UA05524713_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |
| 3847 | 054_UA05524713_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |
| 3848 | 054_UA05524713_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |
| 3849 | 054_UA05524713_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 1    |   |  |  |  |  |
| 3850 | 054_UA05524713_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 1    |   |  |  |  |  |
| 3851 | 054_UA05524713_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 1    |   |  |  |  |  |
| 3852 | 054_UA05524713_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |
| 3853 | 054_UA05524713_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 5    |   |  |  |  |  |
| 3854 | 054_UA05524713_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 1    |   |  |  |  |  |
| 3855 | 054_UA05524713_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 15   |   |  |  |  |  |
| 3856 | 054_UA05524713_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 15   |   |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|--|
| 3857 | 054_UA05524713_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 15 |  |  |  |  |  |  |
| 3858 | 054_UA05524713_0027 | Equipment |  |  |  | Rail jacks   | load capacity 5 t   | from | 2  |  |  |  |  |  |  |
| 3859 | 054_UA05524713_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 2  |  |  |  |  |  |  |
| 3860 | 054_UA05524713_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |  |
| 3861 | 054_UA05524713_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 5  |  |  |  |  |  |  |
| 3862 | 054_UA05524713_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mA / h, clip belt   | from | 20 |  |  |  |  |  |  |
| 3863 | 054_UA05524713_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 20 |  |  |  |  |  |  |
| 3864 | 054_UA05524713_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |  |
| 3865 | 054_UA05524713_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 20 |  |  |  |  |  |  |
| 3866 | 054_UA05524713_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |  |
| 3867 | 054_UA05524713_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 10 |  |  |  |  |  |  |
| 3868 | 054_UA05524713_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |  |
| 3869 | 054_UA05524713_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 50 |  |  |  |  |  |  |
| 3870 | 054_UA05524713_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 3  |  |  |  |  |  |  |
| 3871 | 054_UA05524713_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 5  |  |  |  |  |  |  |

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| 3872 | 054_UA05524713_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 3  |  |  |  |  |  |
| 3873 | 054_UA05524713_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 3  |  |  |  |  |  |
| 3874 | 054_UA05524713_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 3875 | 054_UA05524713_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 6  |  |  |  |  |  |
| 3876 | 055_UA05451150_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 32 |  |  |  |  |  |
| 3877 | 055_UA05451150_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 40 |  |  |  |  |  |
| 3878 | 055_UA05451150_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I - post                                   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 20 |  |  |  |  |  |
| 3879 | 055_UA05451150_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 8  |  |  |  |  |  |
| 3880 | 055_UA05451150_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 8  |  |  |  |  |  |
| 3881 | 055_UA05451150_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 40 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|--|------|-----|--|--|--|--|--|
| 3882 | 055_UA05451150_0007 | Equipment |  |  |  |  | Inverter type welding machines 400A   |   | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 20  |  |  |  |  |  |
| 3883 | 055_UA05451150_0008 | Equipment |  |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  |   | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 80  |  |  |  |  |  |
| 3884 | 055_UA05451150_0009 | Equipment |  |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   |   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 80  |  |  |  |  |  |
| 3885 | 055_UA05451150_0010 | Equipment |  |  |  |  | Angle grinder of 1,5 kW   |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 100 |  |  |  |  |  |
| 3886 | 055_UA05451150_0011 | Equipment |  |  |  |  | Angle grinder of 2,5 kW   |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 60  |  |  |  |  |  |
| 3887 | 055_UA05451150_0012 | Equipment |  |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX | from | 40  |  |  |  |  |  |
| 3888 | 055_UA05451150_0013 | Equipment |  |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 8   |  |  |  |  |  |
| 3889 | 055_UA05451150_0014 | Equipment |  |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 8   |  |  |  |  |  |
| 3890 | 055_UA05451150_0015 | Equipment |  |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8   | from | 8   |  |  |  |  |  |
| 3891 | 055_UA05451150_0016 | Equipment |  |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14  | from | 8   |  |  |  |  |  |
| 3892 | 055_UA05451150_0017 | Equipment |  |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes   | from | 8   |  |  |  |  |  |
| 3893 | 055_UA05451150_0018 | Equipment |  |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70  | from | 8   |  |  |  |  |  |
| 3894 | 055_UA05451150_0019 | Equipment |  |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21  | from | 8   |  |  |  |  |  |
| 3895 | 055_UA05451150_0020 | Equipment |  |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 8   |  |  |  |  |  |
| 3896 | 055_UA05451150_0021 | Equipment |  |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 8   |  |  |  |  |  |

|      |                     |           |            |                            |                     |  |   |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|-----|--|--|--|--|--|
| 3897 | 055_UA05451150_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 40  |  |  |  |  |  |
| 3898 | 055_UA05451150_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 8   |  |  |  |  |  |
| 3899 | 055_UA05451150_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 120 |  |  |  |  |  |
| 3900 | 055_UA05451150_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 120 |  |  |  |  |  |
| 3901 | 055_UA05451150_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 120 |  |  |  |  |  |
| 3902 | 055_UA05451150_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 16  |  |  |  |  |  |
| 3903 | 055_UA05451150_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 16  |  |  |  |  |  |
| 3904 | 055_UA05451150_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 8   |  |  |  |  |  |
| 3905 | 055_UA05451150_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 40  |  |  |  |  |  |
| 3906 | 055_UA05451150_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 160 |  |  |  |  |  |
| 3907 | 055_UA05451150_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 160 |  |  |  |  |  |
| 3908 | 055_UA05451150_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 240 |  |  |  |  |  |
| 3909 | 055_UA05451150_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 160 |  |  |  |  |  |
| 3910 | 055_UA05451150_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 160 |  |  |  |  |  |
| 3911 | 055_UA05451150_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 80  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 3912 | 055_UA05451150_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C<br>Operating time Depending on application and lighting<br>Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million measurement values<br>Protection type IP54<br>Dimensions 200 x 100 x 87 mm<br>Weight approx. 1,250 g<br>Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 200 |  |  |  |  |  |
| 3913 | 055_UA05451150_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 400 |  |  |  |  |  |
| 3914 | 055_UA05451150_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 20  |  |  |  |  |  |
| 3915 | 055_UA05451150_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f save ± 5 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than: ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 40  |  |  |  |  |  |
| 3916 | 055_UA05451150_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 20  |  |  |  |  |  |
| 3917 | 055_UA05451150_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 20  |  |  |  |  |  |
| 3918 | 055_UA05451150_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 4   |  |  |  |  |  |
| 3919 | 055_UA05451150_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 48  |  |  |  |  |  |
| 3920 | 056_UA03349039_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 34  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|--|
| 3921 | 056_UA03349039_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 43   |   |  |  |  |  |  |
| 3922 | 056_UA03349039_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 22   |   |  |  |  |  |  |
| 3923 | 056_UA03349039_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W ] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5,9, Ø4.7  | from | 9 |  |  |  |  |  |
| 3924 | 056_UA03349039_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 9 |  |  |  |  |  |
| 3925 | 056_UA03349039_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from  | 43   |   |  |  |  |  |  |
| 3926 | 056_UA03349039_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 22   |   |  |  |  |  |  |
| 3927 | 056_UA03349039_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 86   |   |  |  |  |  |  |
| 3928 | 056_UA03349039_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 86   |   |  |  |  |  |  |
| 3929 | 056_UA03349039_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 108  |   |  |  |  |  |  |
| 3930 | 056_UA03349039_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 65   |   |  |  |  |  |  |
| 3931 | 056_UA03349039_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 43   |   |  |  |  |  |  |
| 3932 | 056_UA03349039_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 9    |   |  |  |  |  |  |
| 3933 | 056_UA03349039_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 9    |   |  |  |  |  |  |
| 3934 | 056_UA03349039_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 9    |   |  |  |  |  |  |
| 3935 | 056_UA03349039_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 9    |   |  |  |  |  |  |
| 3936 | 056_UA03349039_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 9    |   |  |  |  |  |  |



|      |                     |           |            |                            |                     |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|--|
| 3937 | 056_UA03349039_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 9  |  |  |  |  |  |
| 3938 | 056_UA03349039_0019 | Equipment |            |                            |                     | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 9  |  |  |  |  |  |
| 3939 | 056_UA03349039_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 9  |  |  |  |  |  |
| 3940 | 056_UA03349039_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 9  |  |  |  |  |  |
| 3941 | 056_UA03349039_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 43 |  |  |  |  |  |
| 3942 | 056_UA03349039_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m³. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 9    |    |  |  |  |  |  |
| 3943 | 056_UA03349039_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 129  |    |  |  |  |  |  |
| 3944 | 056_UA03349039_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 129  |    |  |  |  |  |  |
| 3945 | 056_UA03349039_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "; 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders; 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 129  |    |  |  |  |  |  |
| 3946 | 056_UA03349039_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 17   |    |  |  |  |  |  |
| 3947 | 056_UA03349039_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 17   |    |  |  |  |  |  |
| 3948 | 056_UA03349039_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 9    |    |  |  |  |  |  |
| 3949 | 056_UA03349039_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 43   |    |  |  |  |  |  |
| 3950 | 056_UA03349039_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 172  |    |  |  |  |  |  |

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| 3951 | 056_UA03349039_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 172 |  |  |  |  |  |
| 3952 | 056_UA03349039_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 258 |  |  |  |  |  |
| 3953 | 056_UA03349039_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 172 |  |  |  |  |  |
| 3954 | 056_UA03349039_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 172 |  |  |  |  |  |
| 3955 | 056_UA03349039_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlight LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, %LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 86  |  |  |  |  |  |
| 3956 | 056_UA03349039_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 215 |  |  |  |  |  |
| 3957 | 056_UA03349039_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 430 |  |  |  |  |  |
| 3958 | 056_UA03349039_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 22  |  |  |  |  |  |
| 3959 | 056_UA03349039_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 43  |  |  |  |  |  |
| 3960 | 056_UA03349039_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 22  |  |  |  |  |  |

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| 3961 | 056_UA03349039_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 22 |  |  |  |  |  |  |
| 3962 | 056_UA03349039_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 4  |  |  |  |  |  |  |
| 3963 | 056_UA03349039_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 52 |  |  |  |  |  |  |
| 3964 | 075_UA03361135_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4  |  |  |  |  |  |  |
| 3965 | 075_UA03361135_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 5  |  |  |  |  |  |  |
| 3966 | 075_UA03361135_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |  |
| 3967 | 075_UA03361135_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1  |  |  |  |  |  |  |
| 3968 | 075_UA03361135_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1  |  |  |  |  |  |  |
| 3969 | 075_UA03361135_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |  |
| 3970 | 075_UA03361135_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 3  |  |  |  |  |  |  |
| 3971 | 075_UA03361135_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 10 |  |  |  |  |  |  |
| 3972 | 075_UA03361135_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 10 |  |  |  |  |  |  |
| 3973 | 075_UA03361135_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 13 |  |  |  |  |  |  |
| 3974 | 075_UA03361135_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 8  |  |  |  |  |  |  |

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| 3975 | 075_UA03361135_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 5 |  |  |  |  |  |
| 3976 | 075_UA03361135_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 3977 | 075_UA03361135_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 3978 | 075_UA03361135_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1 |  |  |  |  |  |
| 3979 | 075_UA03361135_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1 |  |  |  |  |  |
| 3980 | 075_UA03361135_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1 |  |  |  |  |  |
| 3981 | 075_UA03361135_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 3982 | 075_UA03361135_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 3983 | 075_UA03361135_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 3984 | 075_UA03361135_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 3985 | 075_UA03361135_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - Kvadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 5 |  |  |  |  |  |

|      |                     |           |            |                            |                     |  |  |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|--|------|----|--|--|--|--|--|
| 3986 | 075_UA03361135_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 3987 | 075_UA03361135_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg   | from | 15 |  |  |  |  |  |
| 3988 | 075_UA03361135_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32  | from | 15 |  |  |  |  |  |
| 3989 | 075_UA03361135_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from | 15 |  |  |  |  |  |
| 3990 | 075_UA03361135_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t  | from | 2  |  |  |  |  |  |
| 3991 | 075_UA03361135_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 2  |  |  |  |  |  |
| 3992 | 075_UA03361135_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 1  |  |  |  |  |  |
| 3993 | 075_UA03361135_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm. Range not less than 10 km Number of channels - 128   | from | 5  |  |  |  |  |  |
| 3994 | 075_UA03361135_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 20 |  |  |  |  |  |
| 3995 | 075_UA03361135_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 20 |  |  |  |  |  |
| 3996 | 075_UA03361135_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 30 |  |  |  |  |  |
| 3997 | 075_UA03361135_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 20 |  |  |  |  |  |
| 3998 | 075_UA03361135_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 20 |  |  |  |  |  |
| 3999 | 075_UA03361135_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time:> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 10 |  |  |  |  |  |
| 4000 | 075_UA03361135_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 25 |  |  |  |  |  |
| 4001 | 075_UA03361135_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 50 |  |  |  |  |  |
| 4002 | 075_UA03361135_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 3  |  |  |  |  |  |

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| 4003 | 075_UA03361135_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 5 |  |  |  |  |
| 4004 | 075_UA03361135_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 3 |  |  |  |  |
| 4005 | 075_UA03361135_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 3 |  |  |  |  |
| 4006 | 075_UA03361135_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 1 |  |  |  |  |
| 4007 | 075_UA03361135_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 6 |  |  |  |  |
| 4008 | 078_UA05535349_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) .): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>  | from | 4 |  |  |  |  |
| 4009 | 078_UA05535349_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 5 |  |  |  |  |
| 4010 | 078_UA05535349_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 3 |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 4011 | 078_UA05535349_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4.7   | from | 1  |  |  |  |  |  |
| 4012 | 078_UA05535349_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1  |  |  |  |  |  |
| 4013 | 078_UA05535349_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |
| 4014 | 078_UA05535349_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 3  |  |  |  |  |  |
| 4015 | 078_UA05535349_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 10 |  |  |  |  |  |
| 4016 | 078_UA05535349_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 10 |  |  |  |  |  |
| 4017 | 078_UA05535349_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 13 |  |  |  |  |  |
| 4018 | 078_UA05535349_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 8  |  |  |  |  |  |
| 4019 | 078_UA05535349_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 5  |  |  |  |  |  |
| 4020 | 078_UA05535349_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1  |  |  |  |  |  |
| 4021 | 078_UA05535349_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1  |  |  |  |  |  |
| 4022 | 078_UA05535349_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1  |  |  |  |  |  |
| 4023 | 078_UA05535349_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1  |  |  |  |  |  |
| 4024 | 078_UA05535349_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1  |  |  |  |  |  |
| 4025 | 078_UA05535349_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1  |  |  |  |  |  |
| 4026 | 078_UA05535349_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|--|
| 4027 | 078_UA05535349_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 4028 | 078_UA05535349_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 4029 | 078_UA05535349_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - 1kvadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 5 |  |  |  |  |  |
| 4030 | 078_UA05535349_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 1    |   |  |  |  |  |  |
| 4031 | 078_UA05535349_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 15   |   |  |  |  |  |  |
| 4032 | 078_UA05535349_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 15   |   |  |  |  |  |  |
| 4033 | 078_UA05535349_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase  | from  | 15   |   |  |  |  |  |  |
| 4034 | 078_UA05535349_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 2    |   |  |  |  |  |  |
| 4035 | 078_UA05535349_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 2    |   |  |  |  |  |  |
| 4036 | 078_UA05535349_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 1    |   |  |  |  |  |  |
| 4037 | 078_UA05535349_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 5    |   |  |  |  |  |  |
| 4038 | 078_UA05535349_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 20   |   |  |  |  |  |  |
| 4039 | 078_UA05535349_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from  | 20   |   |  |  |  |  |  |
| 4040 | 078_UA05535349_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from  | 30   |   |  |  |  |  |  |
| 4041 | 078_UA05535349_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from  | 20   |   |  |  |  |  |  |



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| 4042 | 078_UA05535349_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 20 |  |  |  |  |  |
| 4043 | 078_UA05535349_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") * Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 10 |  |  |  |  |  |
| 4044 | 078_UA05535349_0037 | Equipment |  |  |  | GOUATH gas analyzer or similar                         |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |
| 4045 | 078_UA05535349_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 50 |  |  |  |  |  |
| 4046 | 078_UA05535349_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 3  |  |  |  |  |  |
| 4047 | 078_UA05535349_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 5  |  |  |  |  |  |
| 4048 | 078_UA05535349_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 3  |  |  |  |  |  |
| 4049 | 078_UA05535349_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kv. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 3  |  |  |  |  |  |
| 4050 | 078_UA05535349_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|----|--|--|--|--|--|
| 4051 | 078_UA05535349_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 6  |  |  |  |  |  |
| 4052 | 057_UA05410263_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 14 |  |  |  |  |  |
| 4053 | 057_UA05410263_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 17 |  |  |  |  |  |
| 4054 | 057_UA05410263_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 9  |  |  |  |  |  |
| 4055 | 057_UA05410263_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 3  |  |  |  |  |  |
| 4056 | 057_UA05410263_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 3  |  |  |  |  |  |
| 4057 | 057_UA05410263_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 17 |  |  |  |  |  |
| 4058 | 057_UA05410263_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 9  |  |  |  |  |  |
| 4059 | 057_UA05410263_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 35 |  |  |  |  |  |
| 4060 | 057_UA05410263_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 35 |  |  |  |  |  |
| 4061 | 057_UA05410263_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 44 |  |  |  |  |  |
| 4062 | 057_UA05410263_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 26 |  |  |  |  |  |
| 4063 | 057_UA05410263_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 17 |  |  |  |  |  |
| 4064 | 057_UA05410263_0013 | Equipment |  |  |  | Hydraulic oil station GVP13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 3  |  |  |  |  |  |
| 4065 | 057_UA05410263_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 3  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|--|
| 4066 | 057_UA05410263_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 3    |   |  |  |  |  |  |
| 4067 | 057_UA05410263_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 3    |   |  |  |  |  |  |
| 4068 | 057_UA05410263_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 3    |   |  |  |  |  |  |
| 4069 | 057_UA05410263_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 3    |   |  |  |  |  |  |
| 4070 | 057_UA05410263_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 3    |   |  |  |  |  |  |
| 4071 | 057_UA05410263_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 3    |   |  |  |  |  |  |
| 4072 | 057_UA05410263_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 3 |  |  |  |  |  |
| 4073 | 057_UA05410263_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 17   |   |  |  |  |  |  |
| 4074 | 057_UA05410263_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 3    |   |  |  |  |  |  |
| 4075 | 057_UA05410263_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 52   |   |  |  |  |  |  |
| 4076 | 057_UA05410263_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 52   |   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|------|-----|--|--|--|--|--|
| 4077 | 057_UA05410263_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" plastic suitcase<br>load capacity 5 t  | from | 52  |  |  |  |  |  |
| 4078 | 057_UA05410263_0027 | Equipment |  |  |  | Rail jacks   |  | from | 7   |  |  |  |  |  |
| 4079 | 057_UA05410263_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 7   |  |  |  |  |  |
| 4080 | 057_UA05410263_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 3   |  |  |  |  |  |
| 4081 | 057_UA05410263_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 17  |  |  |  |  |  |
| 4082 | 057_UA05410263_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mAh / h, clip belt   | from | 70  |  |  |  |  |  |
| 4083 | 057_UA05410263_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 70  |  |  |  |  |  |
| 4084 | 057_UA05410263_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 105 |  |  |  |  |  |
| 4085 | 057_UA05410263_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 70  |  |  |  |  |  |
| 4086 | 057_UA05410263_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 70  |  |  |  |  |  |
| 4087 | 057_UA05410263_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 35  |  |  |  |  |  |
| 4088 | 057_UA05410263_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 87  |  |  |  |  |  |
| 4089 | 057_UA05410263_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 175 |  |  |  |  |  |
| 4090 | 057_UA05410263_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 9   |  |  |  |  |  |
| 4091 | 057_UA05410263_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than % ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 17  |  |  |  |  |  |

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| 4092 | 057_UA05410263_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 9  |  |  |  |  |  |
| 4093 | 057_UA05410263_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 9  |  |  |  |  |  |
| 4094 | 057_UA05410263_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |
| 4095 | 057_UA05410263_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 21 |  |  |  |  |  |
| 4096 | 058_UA03351208_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 32 |  |  |  |  |  |
| 4097 | 058_UA03351208_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 40 |  |  |  |  |  |
| 4098 | 058_UA03351208_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I - post                                   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 20 |  |  |  |  |  |
| 4099 | 058_UA03351208_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 8  |  |  |  |  |  |
| 4100 | 058_UA03351208_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 8  |  |  |  |  |  |
| 4101 | 058_UA03351208_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 40 |  |  |  |  |  |

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| 4102 | 058_UA03351208_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 20  |  |  |  |  |  |  |
| 4103 | 058_UA03351208_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 80  |  |  |  |  |  |  |
| 4104 | 058_UA03351208_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 80  |  |  |  |  |  |  |
| 4105 | 058_UA03351208_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 100 |  |  |  |  |  |  |
| 4106 | 058_UA03351208_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 60  |  |  |  |  |  |  |
| 4107 | 058_UA03351208_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from | 40  |  |  |  |  |  |  |
| 4108 | 058_UA03351208_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 8   |  |  |  |  |  |  |
| 4109 | 058_UA03351208_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 8   |  |  |  |  |  |  |
| 4110 | 058_UA03351208_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8   | from | 8   |  |  |  |  |  |  |
| 4111 | 058_UA03351208_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14  | from | 8   |  |  |  |  |  |  |
| 4112 | 058_UA03351208_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes   | from | 8   |  |  |  |  |  |  |
| 4113 | 058_UA03351208_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70  | from | 8   |  |  |  |  |  |  |
| 4114 | 058_UA03351208_0019 | Equipment |  |  |  | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21  | from | 8   |  |  |  |  |  |  |
| 4115 | 058_UA03351208_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 8   |  |  |  |  |  |  |
| 4116 | 058_UA03351208_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs<br>For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 8   |  |  |  |  |  |  |

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| 4117 | 058_UA03351208_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 40  |  |  |  |  |  |
| 4118 | 058_UA03351208_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 8   |  |  |  |  |  |
| 4119 | 058_UA03351208_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 120 |  |  |  |  |  |
| 4120 | 058_UA03351208_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 120 |  |  |  |  |  |
| 4121 | 058_UA03351208_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 120 |  |  |  |  |  |
| 4122 | 058_UA03351208_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 16  |  |  |  |  |  |
| 4123 | 058_UA03351208_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 16  |  |  |  |  |  |
| 4124 | 058_UA03351208_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 8   |  |  |  |  |  |
| 4125 | 058_UA03351208_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 40  |  |  |  |  |  |
| 4126 | 058_UA03351208_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 160 |  |  |  |  |  |
| 4127 | 058_UA03351208_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 160 |  |  |  |  |  |
| 4128 | 058_UA03351208_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 240 |  |  |  |  |  |
| 4129 | 058_UA03351208_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 160 |  |  |  |  |  |
| 4130 | 058_UA03351208_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 160 |  |  |  |  |  |
| 4131 | 058_UA03351208_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, Hpa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 80  |  |  |  |  |  |

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| 4132 | 058_UA03351208_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 200 |  |  |  |  |  |
| 4133 | 058_UA03351208_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 400 |  |  |  |  |  |
| 4134 | 058_UA03351208_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 20  |  |  |  |  |  |
| 4135 | 058_UA03351208_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than;<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 40  |  |  |  |  |  |
| 4136 | 058_UA03351208_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 20  |  |  |  |  |  |
| 4137 | 058_UA03351208_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>in - 220 I move * Voltage, in - 220   | from | 20  |  |  |  |  |  |
| 4138 | 058_UA03351208_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 4   |  |  |  |  |  |
| 4139 | 058_UA03351208_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 48  |  |  |  |  |  |
| 4140 | 059_UA03351912_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 18  |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|
| 4141 | 059_UA03351912_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm <sup>3</sup> ) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 23   |   |  |  |  |  |
| 4142 | 059_UA03351912_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 11   |   |  |  |  |  |
| 4143 | 059_UA03351912_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7   | from | 5 |  |  |  |  |
| 4144 | 059_UA03351912_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 5 |  |  |  |  |
| 4145 | 059_UA03351912_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case  | from  | 23   |   |  |  |  |  |
| 4146 | 059_UA03351912_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 11   |   |  |  |  |  |
| 4147 | 059_UA03351912_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 45   |   |  |  |  |  |
| 4148 | 059_UA03351912_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 45   |   |  |  |  |  |
| 4149 | 059_UA03351912_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 56   |   |  |  |  |  |
| 4150 | 059_UA03351912_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 34   |   |  |  |  |  |
| 4151 | 059_UA03351912_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 23   |   |  |  |  |  |
| 4152 | 059_UA03351912_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 1/2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 5    |   |  |  |  |  |
| 4153 | 059_UA03351912_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 5    |   |  |  |  |  |
| 4154 | 059_UA03351912_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 5    |   |  |  |  |  |
| 4155 | 059_UA03351912_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 5    |   |  |  |  |  |
| 4156 | 059_UA03351912_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 5    |   |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|--|
| 4157 | 059_UA03351912_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 5  |  |  |  |  |  |
| 4158 | 059_UA03351912_0019 | Equipment |            |                            |                     | The VFVB Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 5  |  |  |  |  |  |
| 4159 | 059_UA03351912_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 5  |  |  |  |  |  |
| 4160 | 059_UA03351912_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 5  |  |  |  |  |  |
| 4161 | 059_UA03351912_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 60 sec., Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 23 |  |  |  |  |  |
| 4162 | 059_UA03351912_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 5    |    |  |  |  |  |  |
| 4163 | 059_UA03351912_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 68   |    |  |  |  |  |  |
| 4164 | 059_UA03351912_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 68   |    |  |  |  |  |  |
| 4165 | 059_UA03351912_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders; 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 68   |    |  |  |  |  |  |
| 4166 | 059_UA03351912_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 9    |    |  |  |  |  |  |
| 4167 | 059_UA03351912_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 9    |    |  |  |  |  |  |
| 4168 | 059_UA03351912_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 5    |    |  |  |  |  |  |
| 4169 | 059_UA03351912_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 23   |    |  |  |  |  |  |
| 4170 | 059_UA03351912_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 90   |    |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|--|---|------|-----|--|--|--|--|--|
| 4171 | 059_UA03351912_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 90  |  |  |  |  |  |
| 4172 | 059_UA03351912_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 135 |  |  |  |  |  |
| 4173 | 059_UA03351912_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 90  |  |  |  |  |  |
| 4174 | 059_UA03351912_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 90  |  |  |  |  |  |
| 4175 | 059_UA03351912_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, %LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 45  |  |  |  |  |  |
| 4176 | 059_UA03351912_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 113 |  |  |  |  |  |
| 4177 | 059_UA03351912_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 225 |  |  |  |  |  |
| 4178 | 059_UA03351912_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 11  |  |  |  |  |  |
| 4179 | 059_UA03351912_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 23  |  |  |  |  |  |
| 4180 | 059_UA03351912_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 11  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|--|
| 4181 | 059_UA03351912_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 11 |  |  |  |  |  |  |
| 4182 | 059_UA03351912_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |  |
| 4183 | 059_UA03351912_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 27 |  |  |  |  |  |  |
| 4184 | 060_UA03366701_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 11 |  |  |  |  |  |  |
| 4185 | 060_UA03366701_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 13 |  |  |  |  |  |  |
| 4186 | 060_UA03366701_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 7  |  |  |  |  |  |  |
| 4187 | 060_UA03366701_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 3  |  |  |  |  |  |  |
| 4188 | 060_UA03366701_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 3  |  |  |  |  |  |  |
| 4189 | 060_UA03366701_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 13 |  |  |  |  |  |  |
| 4190 | 060_UA03366701_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 7  |  |  |  |  |  |  |
| 4191 | 060_UA03366701_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 27 |  |  |  |  |  |  |
| 4192 | 060_UA03366701_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 27 |  |  |  |  |  |  |
| 4193 | 060_UA03366701_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 33 |  |  |  |  |  |  |
| 4194 | 060_UA03366701_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 20 |  |  |  |  |  |  |

|      |                     |           |  |  |  |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|---|---|---|------|----|--|--|--|--|--|
| 4195 | 060_UA03366701_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 13 |  |  |  |  |  |
| 4196 | 060_UA03366701_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 3  |  |  |  |  |  |
| 4197 | 060_UA03366701_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 3  |  |  |  |  |  |
| 4198 | 060_UA03366701_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 3  |  |  |  |  |  |
| 4199 | 060_UA03366701_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 3  |  |  |  |  |  |
| 4200 | 060_UA03366701_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 3  |  |  |  |  |  |
| 4201 | 060_UA03366701_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 3  |  |  |  |  |  |
| 4202 | 060_UA03366701_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 3  |  |  |  |  |  |
| 4203 | 060_UA03366701_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 3  |  |  |  |  |  |
| 4204 | 060_UA03366701_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 3  |  |  |  |  |  |
| 4205 | 060_UA03366701_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - 4Vadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 13 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|-----|--|--|--|--|--|
| 4206 | 060_UA03366701_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 3   |  |  |  |  |  |
| 4207 | 060_UA03366701_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 40  |  |  |  |  |  |
| 4208 | 060_UA03366701_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 40  |  |  |  |  |  |
| 4209 | 060_UA03366701_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 40  |  |  |  |  |  |
| 4210 | 060_UA03366701_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 5   |  |  |  |  |  |
| 4211 | 060_UA03366701_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 5   |  |  |  |  |  |
| 4212 | 060_UA03366701_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3   |  |  |  |  |  |
| 4213 | 060_UA03366701_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 13  |  |  |  |  |  |
| 4214 | 060_UA03366701_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 53  |  |  |  |  |  |
| 4215 | 060_UA03366701_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 53  |  |  |  |  |  |
| 4216 | 060_UA03366701_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 80  |  |  |  |  |  |
| 4217 | 060_UA03366701_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 53  |  |  |  |  |  |
| 4218 | 060_UA03366701_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 53  |  |  |  |  |  |
| 4219 | 060_UA03366701_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 27  |  |  |  |  |  |
| 4220 | 060_UA03366701_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 66  |  |  |  |  |  |
| 4221 | 060_UA03366701_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 133 |  |  |  |  |  |
| 4222 | 060_UA03366701_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 7   |  |  |  |  |  |

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| 4223 | 060_UA03366701_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.): Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 13 |  |  |  |  |
| 4224 | 060_UA03366701_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 7  |  |  |  |  |
| 4225 | 060_UA03366701_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 7  |  |  |  |  |
| 4226 | 060_UA03366701_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 1  |  |  |  |  |
| 4227 | 060_UA03366701_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 16 |  |  |  |  |
| 4228 | 061_UA03352432_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) .): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>  | from | 15 |  |  |  |  |
| 4229 | 061_UA03352432_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 19 |  |  |  |  |
| 4230 | 061_UA03352432_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 10 |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 4231 | 061_UA03352432_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3.9; Ø4.7   | from | 4  |  |  |  |  |  |
| 4232 | 061_UA03352432_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |
| 4233 | 061_UA03352432_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 19 |  |  |  |  |  |
| 4234 | 061_UA03352432_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 10 |  |  |  |  |  |
| 4235 | 061_UA03352432_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 39 |  |  |  |  |  |
| 4236 | 061_UA03352432_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 39 |  |  |  |  |  |
| 4237 | 061_UA03352432_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W   | from | 48 |  |  |  |  |  |
| 4238 | 061_UA03352432_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 29 |  |  |  |  |  |
| 4239 | 061_UA03352432_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 19 |  |  |  |  |  |
| 4240 | 061_UA03352432_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 4  |  |  |  |  |  |
| 4241 | 061_UA03352432_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 4242 | 061_UA03352432_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 4  |  |  |  |  |  |
| 4243 | 061_UA03352432_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 4  |  |  |  |  |  |
| 4244 | 061_UA03352432_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 4  |  |  |  |  |  |
| 4245 | 061_UA03352432_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 4246 | 061_UA03352432_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |



|      |                     |           |            |                            |                     |   |   |  |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|--|------|----|--|--|--|--|--|
| 4247 | 061_UA03352432_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 4  |  |  |  |  |  |
| 4248 | 061_UA03352432_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 4  |  |  |  |  |  |
| 4249 | 061_UA03352432_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 19 |  |  |  |  |  |
| 4250 | 061_UA03352432_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from   | 4    |    |  |  |  |  |  |
| 4251 | 061_UA03352432_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from   | 58   |    |  |  |  |  |  |
| 4252 | 061_UA03352432_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from   | 58   |    |  |  |  |  |  |
| 4253 | 061_UA03352432_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 " extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from   | 58   |    |  |  |  |  |  |
| 4254 | 061_UA03352432_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from   | 8    |    |  |  |  |  |  |
| 4255 | 061_UA03352432_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from   | 8    |    |  |  |  |  |  |
| 4256 | 061_UA03352432_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from   | 4    |    |  |  |  |  |  |
| 4257 | 061_UA03352432_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from   | 19   |    |  |  |  |  |  |
| 4258 | 061_UA03352432_0031 | Equipment |            |                            |                     | Motorola radios (walkotoki type)  | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from   | 77   |    |  |  |  |  |  |
| 4259 | 061_UA03352432_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * S/M/P mask - 2 pcs  | from   | 77   |    |  |  |  |  |  |
| 4260 | 061_UA03352432_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from   | 116  |    |  |  |  |  |  |
| 4261 | 061_UA03352432_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from   | 77   |    |  |  |  |  |  |

|      |                     |           |  |  |  |  |  |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|--|--|---|------|-----|--|--|--|--|--|
| 4262 | 061_UA03352432_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 77  |  |  |  |  |  |
| 4263 | 061_UA03352432_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 39  |  |  |  |  |  |
| 4264 | 061_UA03352432_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 97  |  |  |  |  |  |
| 4265 | 061_UA03352432_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 193 |  |  |  |  |  |
| 4266 | 061_UA03352432_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 10  |  |  |  |  |  |
| 4267 | 061_UA03352432_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 19  |  |  |  |  |  |
| 4268 | 061_UA03352432_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 10  |  |  |  |  |  |
| 4269 | 061_UA03352432_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 10  |  |  |  |  |  |
| 4270 | 061_UA03352432_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|----|--|--|--|--|--|
| 4271 | 061_UA03352432_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 23 |  |  |  |  |  |
| 4272 | 084_UA03353503_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 12 |  |  |  |  |  |
| 4273 | 084_UA03353503_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 15 |  |  |  |  |  |
| 4274 | 084_UA03353503_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 8  |  |  |  |  |  |
| 4275 | 084_UA03353503_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 3  |  |  |  |  |  |
| 4276 | 084_UA03353503_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 3  |  |  |  |  |  |
| 4277 | 084_UA03353503_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 15 |  |  |  |  |  |
| 4278 | 084_UA03353503_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 8  |  |  |  |  |  |
| 4279 | 084_UA03353503_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 30 |  |  |  |  |  |
| 4280 | 084_UA03353503_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 30 |  |  |  |  |  |
| 4281 | 084_UA03353503_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 38 |  |  |  |  |  |
| 4282 | 084_UA03353503_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 23 |  |  |  |  |  |
| 4283 | 084_UA03353503_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 15 |  |  |  |  |  |
| 4284 | 084_UA03353503_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 3  |  |  |  |  |  |
| 4285 | 084_UA03353503_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 3  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |   |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 4286 | 084_UA03353503_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 3    |   |  |  |  |  |
| 4287 | 084_UA03353503_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 3    |   |  |  |  |  |
| 4288 | 084_UA03353503_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 3    |   |  |  |  |  |
| 4289 | 084_UA03353503_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 3    |   |  |  |  |  |
| 4290 | 084_UA03353503_0019 | Equipment |            |                            |                     | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 3    |   |  |  |  |  |
| 4291 | 084_UA03353503_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 3    |   |  |  |  |  |
| 4292 | 084_UA03353503_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 3 |  |  |  |  |
| 4293 | 084_UA03353503_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 15   |   |  |  |  |  |
| 4294 | 084_UA03353503_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 3    |   |  |  |  |  |
| 4295 | 084_UA03353503_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 45   |   |  |  |  |  |
| 4296 | 084_UA03353503_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 45   |   |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 4297 | 084_UA03353503_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 45  |  |  |  |  |  |
| 4298 | 084_UA03353503_0027 | Equipment |  |  |  | Rail jacks   | load capacity 5 t   | from | 6   |  |  |  |  |  |
| 4299 | 084_UA03353503_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 6   |  |  |  |  |  |
| 4300 | 084_UA03353503_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3   |  |  |  |  |  |
| 4301 | 084_UA03353503_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 15  |  |  |  |  |  |
| 4302 | 084_UA03353503_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mA / h, clip belt   | from | 60  |  |  |  |  |  |
| 4303 | 084_UA03353503_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 60  |  |  |  |  |  |
| 4304 | 084_UA03353503_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 90  |  |  |  |  |  |
| 4305 | 084_UA03353503_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 60  |  |  |  |  |  |
| 4306 | 084_UA03353503_0035 | Equipment |  |  |  | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 60  |  |  |  |  |  |
| 4307 | 084_UA03353503_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 30  |  |  |  |  |  |
| 4308 | 084_UA03353503_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 75  |  |  |  |  |  |
| 4309 | 084_UA03353503_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 150 |  |  |  |  |  |
| 4310 | 084_UA03353503_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 8   |  |  |  |  |  |
| 4311 | 084_UA03353503_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 15  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 4312 | 084_UA03353503_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 8  |  |  |  |  |  |
| 4313 | 084_UA03353503_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 8  |  |  |  |  |  |
| 4314 | 084_UA03353503_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |
| 4315 | 084_UA03353503_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 18 |  |  |  |  |  |
| 4316 | 080_UA21155959_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4  |  |  |  |  |  |
| 4317 | 080_UA21155959_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 5  |  |  |  |  |  |
| 4318 | 080_UA21155959_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |
| 4319 | 080_UA21155959_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 1  |  |  |  |  |  |
| 4320 | 080_UA21155959_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 1  |  |  |  |  |  |
| 4321 | 080_UA21155959_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|---|---|------|---|--|--|--|--|--|
| 4322 | 080_UA21155959_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 3    |   |  |  |  |  |  |
| 4323 | 080_UA21155959_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 10   |   |  |  |  |  |  |
| 4324 | 080_UA21155959_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 10   |   |  |  |  |  |  |
| 4325 | 080_UA21155959_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 13   |   |  |  |  |  |  |
| 4326 | 080_UA21155959_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 8    |   |  |  |  |  |  |
| 4327 | 080_UA21155959_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 5    |   |  |  |  |  |  |
| 4328 | 080_UA21155959_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 1    |   |  |  |  |  |  |
| 4329 | 080_UA21155959_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 4330 | 080_UA21155959_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |  |
| 4331 | 080_UA21155959_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |  |
| 4332 | 080_UA21155959_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |  |
| 4333 | 080_UA21155959_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 1    |   |  |  |  |  |  |
| 4334 | 080_UA21155959_0019 | Equipment |  |  |  | The VV8 Stanley fan, in a set: an air hose of 20 m  | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 4335 | 080_UA21155959_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 1    |   |  |  |  |  |  |
| 4336 | 080_UA21155959_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 4337 | 080_UA21155959_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.  | from | 5  |  |  |  |  |  |
| 4338 | 080_UA21155959_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 4339 | 080_UA21155959_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 15 |  |  |  |  |  |
| 4340 | 080_UA21155959_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 15 |  |  |  |  |  |
| 4341 | 080_UA21155959_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 15 |  |  |  |  |  |
| 4342 | 080_UA21155959_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4343 | 080_UA21155959_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4344 | 080_UA21155959_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 4345 | 080_UA21155959_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 5  |  |  |  |  |  |
| 4346 | 080_UA21155959_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 20 |  |  |  |  |  |
| 4347 | 080_UA21155959_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 20 |  |  |  |  |  |
| 4348 | 080_UA21155959_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |
| 4349 | 080_UA21155959_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 20 |  |  |  |  |  |
| 4350 | 080_UA21155959_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |
| 4351 | 080_UA21155959_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 °C to + 50 °C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPA / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 10 |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 4352 | 080_UA21155959_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |
| 4353 | 080_UA21155959_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 50 |  |  |  |  |  |
| 4354 | 080_UA21155959_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 3  |  |  |  |  |  |
| 4355 | 080_UA21155959_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than;<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 5  |  |  |  |  |  |
| 4356 | 080_UA21155959_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 3  |  |  |  |  |  |
| 4357 | 080_UA21155959_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>in - 220 I move * Voltage, in - 220   | from | 3  |  |  |  |  |  |
| 4358 | 080_UA21155959_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 4359 | 080_UA21155959_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 6  |  |  |  |  |  |
| 4360 | 062_UA20538865_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|
| 4361 | 062_UA20538865_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm <sup>3</sup> ) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 1    |   |  |  |  |  |
| 4362 | 062_UA20538865_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 1    |   |  |  |  |  |
| 4363 | 062_UA20538865_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7   | from | 1 |  |  |  |  |
| 4364 | 062_UA20538865_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1 |  |  |  |  |
| 4365 | 062_UA20538865_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case  | from  | 1    |   |  |  |  |  |
| 4366 | 062_UA20538865_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 1    |   |  |  |  |  |
| 4367 | 062_UA20538865_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 2    |   |  |  |  |  |
| 4368 | 062_UA20538865_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 2    |   |  |  |  |  |
| 4369 | 062_UA20538865_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 2    |   |  |  |  |  |
| 4370 | 062_UA20538865_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 1    |   |  |  |  |  |
| 4371 | 062_UA20538865_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 1    |   |  |  |  |  |
| 4372 | 062_UA20538865_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 1/2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 1    |   |  |  |  |  |
| 4373 | 062_UA20538865_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 1    |   |  |  |  |  |
| 4374 | 062_UA20538865_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |
| 4375 | 062_UA20538865_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |
| 4376 | 062_UA20538865_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|--|
| 4377 | 062_UA20538865_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 4378 | 062_UA20538865_0019 | Equipment |            |                            |                     | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4379 | 062_UA20538865_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 4380 | 062_UA20538865_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 4381 | 062_UA20538865_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 1 |  |  |  |  |  |
| 4382 | 062_UA20538865_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 1    |   |  |  |  |  |  |
| 4383 | 062_UA20538865_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 3    |   |  |  |  |  |  |
| 4384 | 062_UA20538865_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 3    |   |  |  |  |  |  |
| 4385 | 062_UA20538865_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 3    |   |  |  |  |  |  |
| 4386 | 062_UA20538865_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 1    |   |  |  |  |  |  |
| 4387 | 062_UA20538865_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 1    |   |  |  |  |  |  |
| 4388 | 062_UA20538865_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 1    |   |  |  |  |  |  |
| 4389 | 062_UA20538865_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 1    |   |  |  |  |  |  |
| 4390 | 062_UA20538865_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from  | 4    |   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|--|---|------|---|--|--|--|--|--|
| 4391 | 062_UA20538865_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 4 |  |  |  |  |  |
| 4392 | 062_UA20538865_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 6 |  |  |  |  |  |
| 4393 | 062_UA20538865_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 4 |  |  |  |  |  |
| 4394 | 062_UA20538865_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 4 |  |  |  |  |  |
| 4395 | 062_UA20538865_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 2 |  |  |  |  |  |
| 4396 | 062_UA20538865_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 5 |  |  |  |  |  |
| 4397 | 062_UA20538865_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 9 |  |  |  |  |  |
| 4398 | 062_UA20538865_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 1 |  |  |  |  |  |
| 4399 | 062_UA20538865_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 1 |  |  |  |  |  |
| 4400 | 062_UA20538865_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 1 |  |  |  |  |  |

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| 4401 | 062_UA20538865_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 1  |  |  |  |  |  |  |
| 4402 | 062_UA20538865_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |  |
| 4403 | 062_UA20538865_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 1  |  |  |  |  |  |  |
| 4404 | 081_UA03361419_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine I4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4  |  |  |  |  |  |  |
| 4405 | 081_UA03361419_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 5  |  |  |  |  |  |  |
| 4406 | 081_UA03361419_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |  |
| 4407 | 081_UA03361419_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1  |  |  |  |  |  |  |
| 4408 | 081_UA03361419_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1  |  |  |  |  |  |  |
| 4409 | 081_UA03361419_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |  |
| 4410 | 081_UA03361419_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 3  |  |  |  |  |  |  |
| 4411 | 081_UA03361419_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 10 |  |  |  |  |  |  |
| 4412 | 081_UA03361419_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 10 |  |  |  |  |  |  |
| 4413 | 081_UA03361419_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 13 |  |  |  |  |  |  |
| 4414 | 081_UA03361419_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 8  |  |  |  |  |  |  |

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| 4415 | 081_UA03361419_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 5 |  |  |  |  |  |
| 4416 | 081_UA03361419_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 4417 | 081_UA03361419_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4418 | 081_UA03361419_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1 |  |  |  |  |  |
| 4419 | 081_UA03361419_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1 |  |  |  |  |  |
| 4420 | 081_UA03361419_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1 |  |  |  |  |  |
| 4421 | 081_UA03361419_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 4422 | 081_UA03361419_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4423 | 081_UA03361419_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 4424 | 081_UA03361419_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 ". 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 4425 | 081_UA03361419_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - Kvadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 5 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|----|--|--|--|--|--|
| 4426 | 081_UA03361419_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 1  |  |  |  |  |  |
| 4427 | 081_UA03361419_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 15 |  |  |  |  |  |
| 4428 | 081_UA03361419_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 15 |  |  |  |  |  |
| 4429 | 081_UA03361419_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 15 |  |  |  |  |  |
| 4430 | 081_UA03361419_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4431 | 081_UA03361419_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4432 | 081_UA03361419_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 4433 | 081_UA03361419_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm. Range not less than 10 km Number of channels - 128  | from | 5  |  |  |  |  |  |
| 4434 | 081_UA03361419_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt  | from | 20 |  |  |  |  |  |
| 4435 | 081_UA03361419_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 20 |  |  |  |  |  |
| 4436 | 081_UA03361419_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |
| 4437 | 081_UA03361419_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 20 |  |  |  |  |  |
| 4438 | 081_UA03361419_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |
| 4439 | 081_UA03361419_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 10 |  |  |  |  |  |
| 4440 | 081_UA03361419_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |
| 4441 | 081_UA03361419_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 50 |  |  |  |  |  |
| 4442 | 081_UA03361419_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 3  |  |  |  |  |  |

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| 4443 | 081_UA03361419_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.): Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 5  |  |  |  |  |
| 4444 | 081_UA03361419_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 3  |  |  |  |  |
| 4445 | 081_UA03361419_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 3  |  |  |  |  |
| 4446 | 081_UA03361419_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 1  |  |  |  |  |
| 4447 | 081_UA03361419_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 6  |  |  |  |  |
| 4448 | 064_UA03359500_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>  | from | 18 |  |  |  |  |
| 4449 | 064_UA03359500_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 22 |  |  |  |  |
| 4450 | 064_UA03359500_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 11 |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 4451 | 064_UA03359500_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4.7   | from | 4  |  |  |  |  |  |
| 4452 | 064_UA03359500_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |
| 4453 | 064_UA03359500_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 22 |  |  |  |  |  |
| 4454 | 064_UA03359500_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 11 |  |  |  |  |  |
| 4455 | 064_UA03359500_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 45 |  |  |  |  |  |
| 4456 | 064_UA03359500_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 45 |  |  |  |  |  |
| 4457 | 064_UA03359500_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 56 |  |  |  |  |  |
| 4458 | 064_UA03359500_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 34 |  |  |  |  |  |
| 4459 | 064_UA03359500_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 22 |  |  |  |  |  |
| 4460 | 064_UA03359500_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 4  |  |  |  |  |  |
| 4461 | 064_UA03359500_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 4462 | 064_UA03359500_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 4  |  |  |  |  |  |
| 4463 | 064_UA03359500_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 4  |  |  |  |  |  |
| 4464 | 064_UA03359500_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 4  |  |  |  |  |  |
| 4465 | 064_UA03359500_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 4466 | 064_UA03359500_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|--|------|----|--|--|--|--|--|
| 4467 | 064_UA03359500_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 4  |  |  |  |  |  |
| 4468 | 064_UA03359500_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 4  |  |  |  |  |  |
| 4469 | 064_UA03359500_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 22 |  |  |  |  |  |
| 4470 | 064_UA03359500_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from   | 4    |    |  |  |  |  |  |
| 4471 | 064_UA03359500_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from   | 67   |    |  |  |  |  |  |
| 4472 | 064_UA03359500_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from   | 67   |    |  |  |  |  |  |
| 4473 | 064_UA03359500_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 " extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from   | 67   |    |  |  |  |  |  |
| 4474 | 064_UA03359500_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from   | 9    |    |  |  |  |  |  |
| 4475 | 064_UA03359500_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from   | 9    |    |  |  |  |  |  |
| 4476 | 064_UA03359500_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from   | 4    |    |  |  |  |  |  |
| 4477 | 064_UA03359500_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from   | 22   |    |  |  |  |  |  |
| 4478 | 064_UA03359500_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from   | 90   |    |  |  |  |  |  |
| 4479 | 064_UA03359500_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * S/M/P mask - 2 pcs  | from   | 90   |    |  |  |  |  |  |
| 4480 | 064_UA03359500_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from   | 134  |    |  |  |  |  |  |
| 4481 | 064_UA03359500_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from   | 90   |    |  |  |  |  |  |

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| 4482 | 064_UA03359500_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 90  |  |  |  |  |  |
| 4483 | 064_UA03359500_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") * Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 45  |  |  |  |  |  |
| 4484 | 064_UA03359500_0037 | Equipment |  |  |  | GOUATH gas analyzer or similar                         |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 112 |  |  |  |  |  |
| 4485 | 064_UA03359500_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 224 |  |  |  |  |  |
| 4486 | 064_UA03359500_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 11  |  |  |  |  |  |
| 4487 | 064_UA03359500_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 22  |  |  |  |  |  |
| 4488 | 064_UA03359500_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 11  |  |  |  |  |  |
| 4489 | 064_UA03359500_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 11  |  |  |  |  |  |
| 4490 | 064_UA03359500_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 2   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|----|--|--|--|--|--|
| 4491 | 064_UA03359500_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 27 |  |  |  |  |  |
| 4492 | 065_UA03359552_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 21 |  |  |  |  |  |
| 4493 | 065_UA03359552_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 26 |  |  |  |  |  |
| 4494 | 065_UA03359552_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 13 |  |  |  |  |  |
| 4495 | 065_UA03359552_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 5  |  |  |  |  |  |
| 4496 | 065_UA03359552_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 5  |  |  |  |  |  |
| 4497 | 065_UA03359552_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case  | from | 26 |  |  |  |  |  |
| 4498 | 065_UA03359552_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 13 |  |  |  |  |  |
| 4499 | 065_UA03359552_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 51 |  |  |  |  |  |
| 4500 | 065_UA03359552_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 51 |  |  |  |  |  |
| 4501 | 065_UA03359552_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 64 |  |  |  |  |  |
| 4502 | 065_UA03359552_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 39 |  |  |  |  |  |
| 4503 | 065_UA03359552_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 26 |  |  |  |  |  |
| 4504 | 065_UA03359552_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 5  |  |  |  |  |  |
| 4505 | 065_UA03359552_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 5  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |   |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 4506 | 065_UA03359552_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 5    |   |  |  |  |  |
| 4507 | 065_UA03359552_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 5    |   |  |  |  |  |
| 4508 | 065_UA03359552_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 5    |   |  |  |  |  |
| 4509 | 065_UA03359552_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 5    |   |  |  |  |  |
| 4510 | 065_UA03359552_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 5    |   |  |  |  |  |
| 4511 | 065_UA03359552_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 5    |   |  |  |  |  |
| 4512 | 065_UA03359552_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 5 |  |  |  |  |
| 4513 | 065_UA03359552_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 26   |   |  |  |  |  |
| 4514 | 065_UA03359552_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 5    |   |  |  |  |  |
| 4515 | 065_UA03359552_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 77   |   |  |  |  |  |
| 4516 | 065_UA03359552_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 77   |   |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|------|-----|--|--|--|--|--|
| 4517 | 065_UA03359552_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2 " : 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "plastic suitcase load capacity 5 t   | from | 77  |  |  |  |  |  |
| 4518 | 065_UA03359552_0027 | Equipment |  |  |  | Rail jacks   |  | from | 10  |  |  |  |  |  |
| 4519 | 065_UA03359552_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 10  |  |  |  |  |  |
| 4520 | 065_UA03359552_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 5   |  |  |  |  |  |
| 4521 | 065_UA03359552_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 26  |  |  |  |  |  |
| 4522 | 065_UA03359552_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mAh / h, clip belt   | from | 103 |  |  |  |  |  |
| 4523 | 065_UA03359552_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 103 |  |  |  |  |  |
| 4524 | 065_UA03359552_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 154 |  |  |  |  |  |
| 4525 | 065_UA03359552_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813 - 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 103 |  |  |  |  |  |
| 4526 | 065_UA03359552_0035 | Equipment |  |  |  | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 103 |  |  |  |  |  |
| 4527 | 065_UA03359552_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 51  |  |  |  |  |  |
| 4528 | 065_UA03359552_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 128 |  |  |  |  |  |
| 4529 | 065_UA03359552_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 257 |  |  |  |  |  |
| 4530 | 065_UA03359552_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 13  |  |  |  |  |  |
| 4531 | 065_UA03359552_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than % ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 26  |  |  |  |  |  |

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| 4532 | 065_UA03359552_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 13 |  |  |  |  |  |
| 4533 | 065_UA03359552_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m: 50; * Power, W: 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 13 |  |  |  |  |  |
| 4534 | 065_UA03359552_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 3  |  |  |  |  |  |
| 4535 | 065_UA03359552_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 31 |  |  |  |  |  |
| 4536 | 066_UA03355353_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 10 |  |  |  |  |  |
| 4537 | 066_UA03355353_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 13 |  |  |  |  |  |
| 4538 | 066_UA03355353_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 6  |  |  |  |  |  |
| 4539 | 066_UA03355353_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 3  |  |  |  |  |  |
| 4540 | 066_UA03355353_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 3  |  |  |  |  |  |
| 4541 | 066_UA03355353_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 13 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|--|------|----|--|--|--|--|--|--|
| 4542 | 066_UA03355353_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 6  |  |  |  |  |  |  |
| 4543 | 066_UA03355353_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 25 |  |  |  |  |  |  |
| 4544 | 066_UA03355353_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 25 |  |  |  |  |  |  |
| 4545 | 066_UA03355353_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 31 |  |  |  |  |  |  |
| 4546 | 066_UA03355353_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 19 |  |  |  |  |  |  |
| 4547 | 066_UA03355353_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from | 13 |  |  |  |  |  |  |
| 4548 | 066_UA03355353_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 3  |  |  |  |  |  |  |
| 4549 | 066_UA03355353_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 3  |  |  |  |  |  |  |
| 4550 | 066_UA03355353_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8   | from | 3  |  |  |  |  |  |  |
| 4551 | 066_UA03355353_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14  | from | 3  |  |  |  |  |  |  |
| 4552 | 066_UA03355353_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes   | from | 3  |  |  |  |  |  |  |
| 4553 | 066_UA03355353_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70  | from | 3  |  |  |  |  |  |  |
| 4554 | 066_UA03355353_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21  | from | 3  |  |  |  |  |  |  |
| 4555 | 066_UA03355353_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 3  |  |  |  |  |  |  |
| 4556 | 066_UA03355353_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs<br>For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 3  |  |  |  |  |  |  |



|      |                     |           |            |                            |                     |  |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 4557 | 066_UA03355353_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 13 |  |  |  |  |  |
| 4558 | 066_UA03355353_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 3  |  |  |  |  |  |
| 4559 | 066_UA03355353_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 38 |  |  |  |  |  |
| 4560 | 066_UA03355353_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 38 |  |  |  |  |  |
| 4561 | 066_UA03355353_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 38 |  |  |  |  |  |
| 4562 | 066_UA03355353_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 5  |  |  |  |  |  |
| 4563 | 066_UA03355353_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 5  |  |  |  |  |  |
| 4564 | 066_UA03355353_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 3  |  |  |  |  |  |
| 4565 | 066_UA03355353_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 13 |  |  |  |  |  |
| 4566 | 066_UA03355353_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 50 |  |  |  |  |  |
| 4567 | 066_UA03355353_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 50 |  |  |  |  |  |
| 4568 | 066_UA03355353_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 75 |  |  |  |  |  |
| 4569 | 066_UA03355353_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 50 |  |  |  |  |  |
| 4570 | 066_UA03355353_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 50 |  |  |  |  |  |
| 4571 | 066_UA03355353_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 25 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|-----|--|--|--|--|--|
| 4572 | 066_UA03355353_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 63  |  |  |  |  |  |
| 4573 | 066_UA03355353_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 125 |  |  |  |  |  |
| 4574 | 066_UA03355353_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 6   |  |  |  |  |  |
| 4575 | 066_UA03355353_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than%<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 13  |  |  |  |  |  |
| 4576 | 066_UA03355353_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 6   |  |  |  |  |  |
| 4577 | 066_UA03355353_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>In - 220 I move * Voltage, In - 220   | from | 6   |  |  |  |  |  |
| 4578 | 066_UA03355353_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, 8 -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 1   |  |  |  |  |  |
| 4579 | 066_UA03355353_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 15  |  |  |  |  |  |
| 4580 | 067_UA05395598_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15.6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 17  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|
| 4581 | 067_UA05395598_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm <sup>3</sup> ) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 21   |   |  |  |  |  |
| 4582 | 067_UA05395598_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 10   |   |  |  |  |  |
| 4583 | 067_UA05395598_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7   | from | 4 |  |  |  |  |
| 4584 | 067_UA05395598_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4 |  |  |  |  |
| 4585 | 067_UA05395598_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, 8 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, 8 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from  | 21   |   |  |  |  |  |
| 4586 | 067_UA05395598_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 10   |   |  |  |  |  |
| 4587 | 067_UA05395598_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 41   |   |  |  |  |  |
| 4588 | 067_UA05395598_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 41   |   |  |  |  |  |
| 4589 | 067_UA05395598_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 52   |   |  |  |  |  |
| 4590 | 067_UA05395598_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 31   |   |  |  |  |  |
| 4591 | 067_UA05395598_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 21   |   |  |  |  |  |
| 4592 | 067_UA05395598_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 4    |   |  |  |  |  |
| 4593 | 067_UA05395598_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 4    |   |  |  |  |  |
| 4594 | 067_UA05395598_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 4    |   |  |  |  |  |
| 4595 | 067_UA05395598_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 4    |   |  |  |  |  |
| 4596 | 067_UA05395598_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 4    |   |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |   |      |    |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|----|--|--|--|--|--|
| 4597 | 067_UA05395598_0018 | Equipment |            |                            |                     | Stanley trolley for COVID dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 4598 | 067_UA05395598_0019 | Equipment |            |                            |                     | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 4599 | 067_UA05395598_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 4  |  |  |  |  |  |
| 4600 | 067_UA05395598_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 4  |  |  |  |  |  |
| 4601 | 067_UA05395598_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 21 |  |  |  |  |  |
| 4602 | 067_UA05395598_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 4    |    |  |  |  |  |  |
| 4603 | 067_UA05395598_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 62   |    |  |  |  |  |  |
| 4604 | 067_UA05395598_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from  | 62   |    |  |  |  |  |  |
| 4605 | 067_UA05395598_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase  | from  | 62   |    |  |  |  |  |  |
| 4606 | 067_UA05395598_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from  | 8    |    |  |  |  |  |  |
| 4607 | 067_UA05395598_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from  | 8    |    |  |  |  |  |  |
| 4608 | 067_UA05395598_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from  | 4    |    |  |  |  |  |  |
| 4609 | 067_UA05395598_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from  | 21   |    |  |  |  |  |  |
| 4610 | 067_UA05395598_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)   | Range not less than 10 km Kumber of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h , clip belt  | from  | 83   |    |  |  |  |  |  |

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| 4611 | 067_UA05395598_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt- 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 83  |  |  |  |  |  |
| 4612 | 067_UA05395598_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 124 |  |  |  |  |  |
| 4613 | 067_UA05395598_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 83  |  |  |  |  |  |
| 4614 | 067_UA05395598_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 83  |  |  |  |  |  |
| 4615 | 067_UA05395598_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 41  |  |  |  |  |  |
| 4616 | 067_UA05395598_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 104 |  |  |  |  |  |
| 4617 | 067_UA05395598_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 207 |  |  |  |  |  |
| 4618 | 067_UA05395598_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 10  |  |  |  |  |  |
| 4619 | 067_UA05395598_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 21  |  |  |  |  |  |
| 4620 | 067_UA05395598_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 10  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|--|
| 4621 | 067_UA05395598_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 10 |  |  |  |  |  |  |
| 4622 | 067_UA05395598_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |  |
| 4623 | 067_UA05395598_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 25 |  |  |  |  |  |  |
| 4624 | 068_UA03361402_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 16 |  |  |  |  |  |  |
| 4625 | 068_UA03361402_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 20 |  |  |  |  |  |  |
| 4626 | 068_UA03361402_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 10 |  |  |  |  |  |  |
| 4627 | 068_UA03361402_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 4  |  |  |  |  |  |  |
| 4628 | 068_UA03361402_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |  |
| 4629 | 068_UA03361402_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 20 |  |  |  |  |  |  |
| 4630 | 068_UA03361402_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 10 |  |  |  |  |  |  |
| 4631 | 068_UA03361402_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 40 |  |  |  |  |  |  |
| 4632 | 068_UA03361402_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 40 |  |  |  |  |  |  |
| 4633 | 068_UA03361402_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 50 |  |  |  |  |  |  |
| 4634 | 068_UA03361402_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 30 |  |  |  |  |  |  |

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| 4635 | 068_UA03361402_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 20 |  |  |  |  |  |
| 4636 | 068_UA03361402_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 4  |  |  |  |  |  |
| 4637 | 068_UA03361402_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 4638 | 068_UA03361402_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 4  |  |  |  |  |  |
| 4639 | 068_UA03361402_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 4  |  |  |  |  |  |
| 4640 | 068_UA03361402_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 4  |  |  |  |  |  |
| 4641 | 068_UA03361402_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 4  |  |  |  |  |  |
| 4642 | 068_UA03361402_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 4  |  |  |  |  |  |
| 4643 | 068_UA03361402_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 4  |  |  |  |  |  |
| 4644 | 068_UA03361402_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 4  |  |  |  |  |  |
| 4645 | 068_UA03361402_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 20 |  |  |  |  |  |

|      |                     |           |            |                            |                     |  |   |      |     |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|-----|--|--|--|--|--|
| 4646 | 068_UA03361402_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 4   |  |  |  |  |  |
| 4647 | 068_UA03361402_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 60  |  |  |  |  |  |
| 4648 | 068_UA03361402_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 60  |  |  |  |  |  |
| 4649 | 068_UA03361402_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 60  |  |  |  |  |  |
| 4650 | 068_UA03361402_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 8   |  |  |  |  |  |
| 4651 | 068_UA03361402_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 8   |  |  |  |  |  |
| 4652 | 068_UA03361402_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 4   |  |  |  |  |  |
| 4653 | 068_UA03361402_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm. Range not less than 10 km Number of channels - 128  | from | 20  |  |  |  |  |  |
| 4654 | 068_UA03361402_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt  | from | 80  |  |  |  |  |  |
| 4655 | 068_UA03361402_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 80  |  |  |  |  |  |
| 4656 | 068_UA03361402_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 120 |  |  |  |  |  |
| 4657 | 068_UA03361402_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 80  |  |  |  |  |  |
| 4658 | 068_UA03361402_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 80  |  |  |  |  |  |
| 4659 | 068_UA03361402_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 40  |  |  |  |  |  |
| 4660 | 068_UA03361402_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 100 |  |  |  |  |  |
| 4661 | 068_UA03361402_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 200 |  |  |  |  |  |
| 4662 | 068_UA03361402_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 10  |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|--|------|----|--|--|--|--|
| 4663 | 068_UA03361402_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.): Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 20 |  |  |  |  |
| 4664 | 068_UA03361402_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 10 |  |  |  |  |
| 4665 | 068_UA03361402_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 10 |  |  |  |  |
| 4666 | 068_UA03361402_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 2  |  |  |  |  |
| 4667 | 068_UA03361402_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 24 |  |  |  |  |
| 4668 | 069_UA03336166_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm.): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>  | from | 9  |  |  |  |  |
| 4669 | 069_UA03336166_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 12 |  |  |  |  |
| 4670 | 069_UA03336166_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 6  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|----|--|--|--|--|--|
| 4671 | 069_UA03336166_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 2  |  |  |  |  |  |
| 4672 | 069_UA03336166_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 2  |  |  |  |  |  |
| 4673 | 069_UA03336166_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 12 |  |  |  |  |  |
| 4674 | 069_UA03336166_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 6  |  |  |  |  |  |
| 4675 | 069_UA03336166_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 23 |  |  |  |  |  |
| 4676 | 069_UA03336166_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 23 |  |  |  |  |  |
| 4677 | 069_UA03336166_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 29 |  |  |  |  |  |
| 4678 | 069_UA03336166_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 18 |  |  |  |  |  |
| 4679 | 069_UA03336166_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 12 |  |  |  |  |  |
| 4680 | 069_UA03336166_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 2  |  |  |  |  |  |
| 4681 | 069_UA03336166_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 2  |  |  |  |  |  |
| 4682 | 069_UA03336166_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 2  |  |  |  |  |  |
| 4683 | 069_UA03336166_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 2  |  |  |  |  |  |
| 4684 | 069_UA03336166_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 2  |  |  |  |  |  |
| 4685 | 069_UA03336166_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 2  |  |  |  |  |  |
| 4686 | 069_UA03336166_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 2  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|--|------|----|--|--|--|--|--|
| 4687 | 069_UA03336166_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 2  |  |  |  |  |  |
| 4688 | 069_UA03336166_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 2  |  |  |  |  |  |
| 4689 | 069_UA03336166_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 12 |  |  |  |  |  |
| 4690 | 069_UA03336166_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from   | 2    |    |  |  |  |  |  |
| 4691 | 069_UA03336166_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from   | 35   |    |  |  |  |  |  |
| 4692 | 069_UA03336166_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from   | 35   |    |  |  |  |  |  |
| 4693 | 069_UA03336166_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 " extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from   | 35   |    |  |  |  |  |  |
| 4694 | 069_UA03336166_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from   | 5    |    |  |  |  |  |  |
| 4695 | 069_UA03336166_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from   | 5    |    |  |  |  |  |  |
| 4696 | 069_UA03336166_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from   | 2    |    |  |  |  |  |  |
| 4697 | 069_UA03336166_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from   | 12   |    |  |  |  |  |  |
| 4698 | 069_UA03336166_0031 | Equipment |            |                            |                     | Motorola radios (walkotoki type)  | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from   | 47   |    |  |  |  |  |  |
| 4699 | 069_UA03336166_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * S/M/P mask - 2 pcs  | from   | 47   |    |  |  |  |  |  |
| 4700 | 069_UA03336166_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from   | 70   |    |  |  |  |  |  |
| 4701 | 069_UA03336166_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from   | 47   |    |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|--|------|-----|--|--|--|--|--|
| 4702 | 069_UA03336166_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 47  |  |  |  |  |  |
| 4703 | 069_UA03336166_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: 190s 10 sec.  | from | 23  |  |  |  |  |  |
| 4704 | 069_UA03336166_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                        |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 59  |  |  |  |  |  |
| 4705 | 069_UA03336166_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 117 |  |  |  |  |  |
| 4706 | 069_UA03336166_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 6   |  |  |  |  |  |
| 4707 | 069_UA03336166_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 12  |  |  |  |  |  |
| 4708 | 069_UA03336166_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time: ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device   | from | 6   |  |  |  |  |  |
| 4709 | 069_UA03336166_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 6   |  |  |  |  |  |
| 4710 | 069_UA03336166_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 1   |  |  |  |  |  |

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| 4711 | 069_UA03336166_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar  | from | 14 |  |  |  |  |  |
| 4712 | 070_UA03358104_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher   | from | 14 |  |  |  |  |  |
| 4713 | 070_UA03358104_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "  | from | 18 |  |  |  |  |  |
| 4714 | 070_UA03358104_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz   | from | 9  |  |  |  |  |  |
| 4715 | 070_UA03358104_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7  | from | 4  |  |  |  |  |  |
| 4716 | 070_UA03358104_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 4  |  |  |  |  |  |
| 4717 | 070_UA03358104_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1.6-5 Case   | from | 18 |  |  |  |  |  |
| 4718 | 070_UA03358104_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 9  |  |  |  |  |  |
| 4719 | 070_UA03358104_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 36 |  |  |  |  |  |
| 4720 | 070_UA03358104_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 36 |  |  |  |  |  |
| 4721 | 070_UA03358104_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 45 |  |  |  |  |  |
| 4722 | 070_UA03358104_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 27 |  |  |  |  |  |
| 4723 | 070_UA03358104_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from | 18 |  |  |  |  |  |
| 4724 | 070_UA03358104_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 4  |  |  |  |  |  |
| 4725 | 070_UA03358104_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 4  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 4726 | 070_UA03358104_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 4    |   |  |  |  |  |
| 4727 | 070_UA03358104_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 4    |   |  |  |  |  |
| 4728 | 070_UA03358104_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 4    |   |  |  |  |  |
| 4729 | 070_UA03358104_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 4    |   |  |  |  |  |
| 4730 | 070_UA03358104_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 4    |   |  |  |  |  |
| 4731 | 070_UA03358104_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 4    |   |  |  |  |  |
| 4732 | 070_UA03358104_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 4 |  |  |  |  |
| 4733 | 070_UA03358104_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 18   |   |  |  |  |  |
| 4734 | 070_UA03358104_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 4    |   |  |  |  |  |
| 4735 | 070_UA03358104_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 54   |   |  |  |  |  |
| 4736 | 070_UA03358104_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 54   |   |  |  |  |  |

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| 4737 | 070_UA03358104_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" plastic suitcase   | from | 54  |  |  |  |  |  |
| 4738 | 070_UA03358104_0027 | Equipment |  |  |  | Rail jacks   | load capacity 5 t  | from | 7   |  |  |  |  |  |
| 4739 | 070_UA03358104_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 7   |  |  |  |  |  |
| 4740 | 070_UA03358104_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 4   |  |  |  |  |  |
| 4741 | 070_UA03358104_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 18  |  |  |  |  |  |
| 4742 | 070_UA03358104_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mAh / h, clip belt   | from | 72  |  |  |  |  |  |
| 4743 | 070_UA03358104_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 72  |  |  |  |  |  |
| 4744 | 070_UA03358104_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 107 |  |  |  |  |  |
| 4745 | 070_UA03358104_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 72  |  |  |  |  |  |
| 4746 | 070_UA03358104_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 72  |  |  |  |  |  |
| 4747 | 070_UA03358104_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 36  |  |  |  |  |  |
| 4748 | 070_UA03358104_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 89  |  |  |  |  |  |
| 4749 | 070_UA03358104_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 179 |  |  |  |  |  |
| 4750 | 070_UA03358104_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 9   |  |  |  |  |  |
| 4751 | 070_UA03358104_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than % ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 18  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 4752 | 070_UA03358104_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 9  |  |  |  |  |  |
| 4753 | 070_UA03358104_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220  | from | 9  |  |  |  |  |  |
| 4754 | 070_UA03358104_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 2  |  |  |  |  |  |
| 4755 | 070_UA03358104_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 21 |  |  |  |  |  |
| 4756 | 085_UA03361394_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 4  |  |  |  |  |  |
| 4757 | 085_UA03361394_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 5  |  |  |  |  |  |
| 4758 | 085_UA03361394_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 3  |  |  |  |  |  |
| 4759 | 085_UA03361394_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.   | from | 1  |  |  |  |  |  |
| 4760 | 085_UA03361394_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 1  |  |  |  |  |  |
| 4761 | 085_UA03361394_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 5  |  |  |  |  |  |



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| 4762 | 085_UA03361394_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 3    |   |  |  |  |  |  |
| 4763 | 085_UA03361394_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 10   |   |  |  |  |  |  |
| 4764 | 085_UA03361394_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 10   |   |  |  |  |  |  |
| 4765 | 085_UA03361394_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 13   |   |  |  |  |  |  |
| 4766 | 085_UA03361394_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 8    |   |  |  |  |  |  |
| 4767 | 085_UA03361394_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 5    |   |  |  |  |  |  |
| 4768 | 085_UA03361394_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 1    |   |  |  |  |  |  |
| 4769 | 085_UA03361394_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 4770 | 085_UA03361394_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |  |
| 4771 | 085_UA03361394_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |  |
| 4772 | 085_UA03361394_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |  |
| 4773 | 085_UA03361394_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 1    |   |  |  |  |  |  |
| 4774 | 085_UA03361394_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 4775 | 085_UA03361394_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 1    |   |  |  |  |  |  |
| 4776 | 085_UA03361394_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA ANIS (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm²); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |  |

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| 4777 | 085_UA03361394_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 5  |  |  |  |  |  |
| 4778 | 085_UA03361394_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 4779 | 085_UA03361394_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 15 |  |  |  |  |  |
| 4780 | 085_UA03361394_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 15 |  |  |  |  |  |
| 4781 | 085_UA03361394_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 15 |  |  |  |  |  |
| 4782 | 085_UA03361394_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4783 | 085_UA03361394_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 2  |  |  |  |  |  |
| 4784 | 085_UA03361394_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 4785 | 085_UA03361394_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 5  |  |  |  |  |  |
| 4786 | 085_UA03361394_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from | 20 |  |  |  |  |  |
| 4787 | 085_UA03361394_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 20 |  |  |  |  |  |
| 4788 | 085_UA03361394_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 30 |  |  |  |  |  |
| 4789 | 085_UA03361394_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 20 |  |  |  |  |  |
| 4790 | 085_UA03361394_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 20 |  |  |  |  |  |
| 4791 | 085_UA03361394_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 10 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|------|----|--|--|--|--|--|
| 4792 | 085_UA03361394_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                            | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C Operating time<br>Depending on application and lighting Charging The charger is<br>powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million<br>measurement values Protection type IP54 Dimensions 200 x<br>100 x 87 mm Weight approx. 1,250 g Explosion protection<br>ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 25 |  |  |  |  |  |
| 4793 | 085_UA03361394_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)              | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon<br>dioxide  | from | 50 |  |  |  |  |  |
| 4794 | 085_UA03361394_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max.<br>detection depth, m - more than 1.5 * Warranty - 24 months   | from | 3  |  |  |  |  |  |
| 4795 | 085_UA03361394_0040 | Equipment |  |  |  | Route finder SPRUT-17                                      | Monoblock - an electronic unit connected to magnetic and<br>electropotential antennas into a single structure. Dust spray<br>protected. Interference immunity Retains its technical and<br>operational characteristics when operating in the area of high-<br>voltage transmission lines. Indication Analog graphic scale and<br>sound signal separately for magnetic and electric antennas.<br>Numerous values for the system of "magnetic" antennas.<br>Measurement (estimation of the depth and relative values of<br>the magnitude of the current "pulsations") Direct<br>measurement: numerical values of the depth of the<br>"occurrence" of communications and the relative magnitude of<br>the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2.<br>Bandwidth at the level of 0.7 from f save ± 5 3. Attenuation<br>of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz<br>not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185<br>4. Sensitivity to the input of the receiver relative to the signal /<br>noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field,<br>mA / m not worse than 0.2 6. Deviation of the determined<br>value of the depth of communication (to the axis of the route),<br>at a current in the place of determination not less than 200<br>mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than;<br>± 2.7. Number of measurement values registered, 3 000 8.<br>Current consumption (average), ma 120 9. Continuous<br>operation time, hours, not less than 10 | from | 5  |  |  |  |  |  |
| 4796 | 085_UA03361394_0041 | Equipment |  |  |  | Laser ELLI leak indicator                                  | Technical data Gas Methane (CH4) LCD display 2.8-inch color<br>LCD display (touch screen) Response time For 0.2 sec.<br>Measuring method Tunable diode-based laser absorption<br>spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6<br>hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm<br>at a distance of 30 m> 30 m depending on the object of<br>reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm<br>Measurement range 0 ~ 50,000 parts per million Sensitivity 10<br>parts per million at a distance of 0 ~ 10 m 20 parts per million<br>at a distance of 10 ~ 30 m Operating temperature -17 to 50°C<br>Humidity from 5 to 90% RH without freezing Protection class<br>IP54 USB connection, headphones, DC connector Accessories<br>Headphones, belt, bag, charger Accessories Setting device   | from | 3  |  |  |  |  |  |
| 4797 | 085_UA03361394_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kV, m - 50; * Power, W - 5000; * Installation -<br>Floor; * Type of coolant - electric; * Type of heating element -<br>ceramic; * Purpose - Industrial; * Management - mechanical; *<br>Type of heating - Fan; * Number of heating modes - 2; *<br>Warranty - 36 months of official warranty from the<br>manufacturer * Protection functions - Protection against<br>overheating * Features - The handle for movement * Voltage,<br>In - 220 I move * Voltage, In - 220   | from | 3  |  |  |  |  |  |
| 4798 | 085_UA03361394_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-<br>250 mm | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B -<br>220 - 240 * Features - Adjustable speed * Maximum drilling<br>diameter - 250 mm * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 4799 | 085_UA03361394_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                           | For work (flow stop) on pipelines of small diameter Du 20 mm<br>to Du 50 mm (3/4 - 2 inches) and working pressure up to 12<br>bar   | from | 6  |  |  |  |  |  |
| 4800 | 079_UA32940082_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                       | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code:<br>2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC<br>Fuel type: diesel fuel with cetane number of 48 or higher<br>Displacement (cm3): 2393 Cylinder diameter x piston stroke<br>(mm) : 92.0 x 90.0 Compression ratio: 15,6; 1 Maximum power<br>(kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at<br>rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6<br>Transmission Type: 6-speed manual Drive type: all-wheel drive<br>with the possibility of disengaging the front axle and<br>connecting a reduced gear Dynamic indicators Maximum<br>speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel<br>type: diesel fuel with cetane number of 48 or higher   | from | 2  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|--|
| 4801 | 079_UA32940082_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 " | from  | 3    |   |  |  |  |  |  |
| 4802 | 079_UA32940082_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1- post                                    | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from  | 1    |   |  |  |  |  |  |
| 4803 | 079_UA32940082_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 50, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing: Cenronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.  | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W ] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø5.9, Ø4.7  | from | 1 |  |  |  |  |  |
| 4804 | 079_UA32940082_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1 |  |  |  |  |  |
| 4805 | 079_UA32940082_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, 8 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, 8 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from  | 3    |   |  |  |  |  |  |
| 4806 | 079_UA32940082_0007 | Equipment |  |  |  | Inverter type welding machines 400A  | Welding inverter for MMA and TiG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from  | 1    |   |  |  |  |  |  |
| 4807 | 079_UA32940082_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       | Mechanical drive type: working area: diameter: 32-90 mm.  | from  | 5    |   |  |  |  |  |  |
| 4808 | 079_UA32940082_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      | Mechanical drive type: working area: diameter: 90-250 mm.   | from  | 5    |   |  |  |  |  |  |
| 4809 | 079_UA32940082_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from  | 6    |   |  |  |  |  |  |
| 4810 | 079_UA32940082_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from  | 4    |   |  |  |  |  |  |
| 4811 | 079_UA32940082_0012 | Equipment |  |  |  | 2.2 kW perforators   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from  | 3    |   |  |  |  |  |  |
| 4812 | 079_UA32940082_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 ½ " L = 10m                  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from  | 1    |   |  |  |  |  |  |
| 4813 | 079_UA32940082_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from  | 1    |   |  |  |  |  |  |
| 4814 | 079_UA32940082_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |  |
| 4815 | 079_UA32940082_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |  |
| 4816 | 079_UA32940082_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|---|------|----|--|--|--|--|--|
| 4817 | 079_UA32940082_0018 | Equipment |            |                            |                     |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1  |  |  |  |  |  |
| 4818 | 079_UA32940082_0019 | Equipment |            |                            |                     |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1  |  |  |  |  |  |
| 4819 | 079_UA32940082_0020 | Equipment |            |                            |                     |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1  |  |  |  |  |  |
| 4820 | 079_UA32940082_0021 | Equipment |            |                            |                     |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1  |  |  |  |  |  |
| 4821 | 079_UA32940082_0022 | Equipment |            |                            |                     |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 3  |  |  |  |  |  |
| 4822 | 079_UA32940082_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants |  | GENERAC SG 275 gas power plant  |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 4823 | 079_UA32940082_0024 | Equipment |            |                            |                     |  | Three-element folding ladder up to 6 m  |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 8  |  |  |  |  |  |
| 4824 | 079_UA32940082_0025 | Equipment |            |                            |                     |  | Set of keys combined (horn-cap) 6-32 mm   |   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 8  |  |  |  |  |  |
| 4825 | 079_UA32940082_0026 | Equipment |            |                            |                     |  | Set of hexagonal heads, 6-36 mm   |   | Hexagonal end heads 1/2 "; 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders; 75; 125; 250 mm; cardan joint 1/2"; plastic suitcase  | from | 8  |  |  |  |  |  |
| 4826 | 079_UA32940082_0027 | Equipment |            |                            |                     |  | Rail jacks  |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 4827 | 079_UA32940082_0028 | Equipment |            |                            |                     |  | Hydraulic jacks 5 t.  |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 4828 | 079_UA32940082_0029 | Equipment |            |                            |                     |  | Compressor up to 10 At  |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 4829 | 079_UA32940082_0030 | Equipment |            |                            |                     |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 3  |  |  |  |  |  |
| 4830 | 079_UA32940082_0031 | Equipment |            |                            |                     |  | Motorola radios (wokitoki type)   |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 10 |  |  |  |  |  |

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| 4831 | 079_UA32940082_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)             |  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 10 |  |  |  |  |  |
| 4832 | 079_UA32940082_0033 | Equipment |  |  |  | The lights are explosion-proof                |  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 15 |  |  |  |  |  |
| 4833 | 079_UA32940082_0034 | Equipment |  |  |  | Life jackets                                  |  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813-2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 10 |  |  |  |  |  |
| 4834 | 079_UA32940082_0035 | Equipment |  |  |  | The rescue halyard                            |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 10 |  |  |  |  |  |
| 4835 | 079_UA32940082_0036 | Equipment |  |  |  | VibraGas or similar gas detector              |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels - symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 5  |  |  |  |  |  |
| 4836 | 079_UA32940082_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar               |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 13 |  |  |  |  |  |
| 4837 | 079_UA32940082_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type) |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 25 |  |  |  |  |  |
| 4838 | 079_UA32940082_0039 | Equipment |  |  |  | Metal detector                                |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 4839 | 079_UA32940082_0040 | Equipment |  |  |  | Route finder SPRUT-17                         |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 3  |  |  |  |  |  |
| 4840 | 079_UA32940082_0041 | Equipment |  |  |  | Laser ELLI leak indicator                     |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 1  |  |  |  |  |  |

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| 4841 | 079_UA32940082_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 l move * Voltage, In - 220  | from | 1 |  |  |  |  |  |  |
| 4842 | 079_UA32940082_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1 |  |  |  |  |  |  |
| 4843 | 079_UA32940082_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 3 |  |  |  |  |  |  |
| 4844 | 073_UA39460902_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |  | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 2 |  |  |  |  |  |  |
| 4845 | 073_UA39460902_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: S-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 3 |  |  |  |  |  |  |
| 4846 | 073_UA39460902_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1-post                                     |  | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 1 |  |  |  |  |  |  |
| 4847 | 073_UA39460902_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140,1 60, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [W] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1 |  |  |  |  |  |  |
| 4848 | 073_UA39460902_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1 |  |  |  |  |  |  |
| 4849 | 073_UA39460902_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 3 |  |  |  |  |  |  |
| 4850 | 073_UA39460902_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 1 |  |  |  |  |  |  |
| 4851 | 073_UA39460902_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 5 |  |  |  |  |  |  |
| 4852 | 073_UA39460902_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 5 |  |  |  |  |  |  |
| 4853 | 073_UA39460902_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 6 |  |  |  |  |  |  |
| 4854 | 073_UA39460902_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (idle): 6600 rpm  | from | 4 |  |  |  |  |  |  |

|      |                     |           |  |  |  |   |   |   |      |   |  |  |  |  |  |
|------|---------------------|-----------|--|--|--|---|---|---|------|---|--|--|--|--|--|
| 4855 | 073_UA39460902_0012 | Equipment |  |  |  | 2.2 kW perforators  |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 3 |  |  |  |  |  |
| 4856 | 073_UA39460902_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 4857 | 073_UA39460902_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4858 | 073_UA39460902_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   |   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1 |  |  |  |  |  |
| 4859 | 073_UA39460902_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  |   | Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1 |  |  |  |  |  |
| 4860 | 073_UA39460902_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   |   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1 |  |  |  |  |  |
| 4861 | 073_UA39460902_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  |   | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 4862 | 073_UA39460902_0019 | Equipment |  |  |  | The VJV8 Stanley fan, in a set: an air hose of 20 m   |   | Maximum productivity, m3 \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4863 | 073_UA39460902_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from | 1 |  |  |  |  |  |
| 4864 | 073_UA39460902_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar   | from | 1 |  |  |  |  |  |
| 4865 | 073_UA39460902_0022 | Equipment |  |  |  | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - KVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3.0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 3 |  |  |  |  |  |



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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|------|----|--|--|--|--|--|
| 4866 | 073_UA39460902_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     | Current / voltage frequency 50 Hz Power factor 0.8<br>Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB   | from | 1  |  |  |  |  |  |
| 4867 | 073_UA39460902_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 8  |  |  |  |  |  |
| 4868 | 073_UA39460902_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from | 8  |  |  |  |  |  |
| 4869 | 073_UA39460902_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle, 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase   | from | 8  |  |  |  |  |  |
| 4870 | 073_UA39460902_0027 | Equipment |            |                            |                     | Rail jacks   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 4871 | 073_UA39460902_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 4872 | 073_UA39460902_0029 | Equipment |            |                            |                     | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 4873 | 073_UA39460902_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm. Range not less than 10 km Number of channels - 128  | from | 3  |  |  |  |  |  |
| 4874 | 073_UA39460902_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    | Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt  | from | 10 |  |  |  |  |  |
| 4875 | 073_UA39460902_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs  | from | 10 |  |  |  |  |  |
| 4876 | 073_UA39460902_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 15 |  |  |  |  |  |
| 4877 | 073_UA39460902_0034 | Equipment |            |                            |                     | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 10 |  |  |  |  |  |
| 4878 | 073_UA39460902_0035 | Equipment |            |                            |                     | The rescue halyard   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 10 |  |  |  |  |  |
| 4879 | 073_UA39460902_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 5  |  |  |  |  |  |
| 4880 | 073_UA39460902_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 13 |  |  |  |  |  |
| 4881 | 073_UA39460902_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-S type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide   | from | 25 |  |  |  |  |  |
| 4882 | 073_UA39460902_0039 | Equipment |            |                            |                     | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months  | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|------|---|--|--|--|--|
| 4883 | 073_UA39460902_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  | <p>Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".</p> <p>1. Operating frequency (f work.): Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave <math>\pm 5\%</math> 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, <math>\mu V</math> not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than <math>\pm 2.7</math>. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10</p> | from | 3 |  |  |  |  |
| 4884 | 073_UA39460902_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              | <p>Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time <math>\leq 8</math> hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m <math>\rightarrow</math> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device</p>   | from | 1 |  |  |  |  |
| 4885 | 073_UA39460902_0042 | Equipment |  |  |  | Heat gun 5 kW  | <p>* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220</p>  | from | 1 |  |  |  |  |
| 4886 | 073_UA39460902_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm | <p>Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months</p>   | from | 1 |  |  |  |  |
| 4887 | 073_UA39460902_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)                       | <p>For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar</p>   | from | 3 |  |  |  |  |
| 4888 | 086_UA32736800_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar                   | <p>2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92,0 x 90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm.): 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher</p>   | from | 2 |  |  |  |  |
| 4889 | 086_UA32736800_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar    | <p>ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "</p>   | from | 3 |  |  |  |  |
| 4890 | 086_UA32736800_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - 1-post       | <p>Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode <math>\phi</math> 2.6 - 6.0 mm Frequency 50/60 Hz</p>  | from | 1 |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|---|------|---|--|--|--|--|--|
| 4891 | 086_UA32736800_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1 |  |  |  |  |  |
| 4892 | 086_UA32736800_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams  | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 16 | from | 1 |  |  |  |  |  |
| 4893 | 086_UA32736800_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 3 |  |  |  |  |  |
| 4894 | 086_UA32736800_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |  | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 1 |  |  |  |  |  |
| 4895 | 086_UA32736800_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |  | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 5 |  |  |  |  |  |
| 4896 | 086_UA32736800_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |  | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 5 |  |  |  |  |  |
| 4897 | 086_UA32736800_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |  | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 6 |  |  |  |  |  |
| 4898 | 086_UA32736800_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |  | Power: 2200 W Disc diameter: 230 mm Maximum speed (drilling): 6600 rpm  | from | 4 |  |  |  |  |  |
| 4899 | 086_UA32736800_0012 | Equipment |  |  |  | 2.2 kW perforators   |  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s <sup>2</sup> (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 3 |  |  |  |  |  |
| 4900 | 086_UA32736800_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |  | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 4901 | 086_UA32736800_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |  | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |
| 4902 | 086_UA32736800_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included  |  | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from | 1 |  |  |  |  |  |
| 4903 | 086_UA32736800_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16   |  | Max. Productivity, m <sup>3</sup> \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from | 1 |  |  |  |  |  |
| 4904 | 086_UA32736800_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete                                  |  | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from | 1 |  |  |  |  |  |
| 4905 | 086_UA32736800_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust   |  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from | 1 |  |  |  |  |  |
| 4906 | 086_UA32736800_0019 | Equipment |  |  |  | The VEV8 Stanley fan, in a set: an air hose of 20 m                                  |  | Maximum productivity, m <sup>3</sup> \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from | 1 |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |   |  |      |   |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|--|------|---|--|--|--|--|--|
| 4907 | 086_UA32736800_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  |   | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 1 |  |  |  |  |  |
| 4908 | 086_UA32736800_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar  | from | 1 |  |  |  |  |  |
| 4909 | 086_UA32736800_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs   | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg. | from | 3 |  |  |  |  |  |
| 4910 | 086_UA32736800_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from   | 1    |   |  |  |  |  |  |
| 4911 | 086_UA32736800_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from   | 8    |   |  |  |  |  |  |
| 4912 | 086_UA32736800_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32   | from   | 8    |   |  |  |  |  |  |
| 4913 | 086_UA32736800_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm   | Hexagonal end heads 1/2 "- 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 " extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from   | 8    |   |  |  |  |  |  |
| 4914 | 086_UA32736800_0027 | Equipment |            |                            |                     | Rail jacks  | load capacity 5 t   | from   | 1    |   |  |  |  |  |  |
| 4915 | 086_UA32736800_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.  | load capacity 5 t   | from   | 1    |   |  |  |  |  |  |
| 4916 | 086_UA32736800_0029 | Equipment |            |                            |                     | Compressor up to 10 At  | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from   | 1    |   |  |  |  |  |  |
| 4917 | 086_UA32736800_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm  | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from   | 3    |   |  |  |  |  |  |
| 4918 | 086_UA32736800_0031 | Equipment |            |                            |                     | Motorola radios (walkotoki type)  | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, U-ion battery 2100 mA / h, clip belt  | from   | 10   |   |  |  |  |  |  |
| 4919 | 086_UA32736800_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * S/M/P mask - 2 pcs  | from   | 10   |   |  |  |  |  |  |
| 4920 | 086_UA32736800_0033 | Equipment |            |                            |                     | The lights are explosion-proof  | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from   | 15   |   |  |  |  |  |  |
| 4921 | 086_UA32736800_0034 | Equipment |            |                            |                     | Life jackets  | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from   | 10   |   |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|--|------|----|--|--|--|--|--|
| 4922 | 086_UA32736800_0035 | Equipment |  |  |  | The rescue halyard                                     |  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 10 |  |  |  |  |  |
| 4923 | 086_UA32736800_0036 | Equipment |  |  |  | VibraGas or similar gas detector                       |  | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") * Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time> 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol. -%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.   | from | 5  |  |  |  |  |  |
| 4924 | 086_UA32736800_0037 | Equipment |  |  |  | GOUATH gas analyzer or similar                         |  | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature: -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from | 13 |  |  |  |  |  |
| 4925 | 086_UA32736800_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)          |  | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 25 |  |  |  |  |  |
| 4926 | 086_UA32736800_0039 | Equipment |  |  |  | Metal detector   |  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 4927 | 086_UA32736800_0040 | Equipment |  |  |  | Route finder SPRUT-17                                  |  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than% ± 2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 3  |  |  |  |  |  |
| 4928 | 086_UA32736800_0041 | Equipment |  |  |  | Laser ELLI leak indicator                              |  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from | 1  |  |  |  |  |  |
| 4929 | 086_UA32736800_0042 | Equipment |  |  |  | Heat gun 5 kW  |  | * Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from | 1  |  |  |  |  |  |
| 4930 | 086_UA32736800_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm |  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from | 1  |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|---|---|------|---|--|--|--|--|--|
| 4931 | 086_UA32736800_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   |   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 3 |  |  |  |  |  |
| 4932 | 087_UA36995601_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   |   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm³): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 2 |  |  |  |  |  |
| 4933 | 087_UA36995601_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  |   | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 3 |  |  |  |  |  |
| 4934 | 087_UA36995601_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 MS / RS - 1- post                                    |   | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 1 |  |  |  |  |  |
| 4935 | 087_UA36995601_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding machine, Mounting clamp for couplings; Clamp assembly ZT25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly ZT 110/200 under diameters of pipes 110, 125, 140, 1 60, 180, 200 mm; interchangeable tips 3.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving. | Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1 |  |  |  |  |  |
| 4936 | 087_UA36995601_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | Welding machine parameters Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Storage temperature range [° C] -20 +50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type KmT400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type KmT400 Dimensions [mm] 680x320x360 Pressure adjustment: proportional valve Pressure adjustment range [bar] 0-90 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type KmT400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type KmT400 Temperature control range [° C] 180-240 Dimensions (height heights) [mm] 600x680x75 Weight [kg] 16 | from | 1 |  |  |  |  |  |
| 4937 | 087_UA36995601_0006 | Equipment |  |  |  | Inverter type welding machines 200A  |   | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 3 |  |  |  |  |  |
| 4938 | 087_UA36995601_0007 | Equipment |  |  |  | Inverter type welding machines 400A  |   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm   | from | 1 |  |  |  |  |  |
| 4939 | 087_UA36995601_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm                       |   | Mechanical drive type: working area: diameter: 32-90 mm.  | from | 5 |  |  |  |  |  |
| 4940 | 087_UA36995601_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm                      |   | Mechanical drive type: working area: diameter: 90-250 mm.   | from | 5 |  |  |  |  |  |
| 4941 | 087_UA36995601_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW  |   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.  | from | 6 |  |  |  |  |  |
| 4942 | 087_UA36995601_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW  |   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm  | from | 4 |  |  |  |  |  |
| 4943 | 087_UA36995601_0012 | Equipment |  |  |  | 2.2 kW perforators   |   | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX  | from | 3 |  |  |  |  |  |
| 4944 | 087_UA36995601_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m                |   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75  | from | 1 |  |  |  |  |  |
| 4945 | 087_UA36995601_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included  |   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21   | from | 1 |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|---|---|---|------|---|--|--|--|--|
| 4946 | 087_UA36995601_0015 | Equipment |            |                            |                     | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8  | from  | 1    |   |  |  |  |  |
| 4947 | 087_UA36995601_0016 | Equipment |            |                            |                     | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14   | from  | 1    |   |  |  |  |  |
| 4948 | 087_UA36995601_0017 | Equipment |            |                            |                     | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes  | from  | 1    |   |  |  |  |  |
| 4949 | 087_UA36995601_0018 | Equipment |            |                            |                     | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70   | from  | 1    |   |  |  |  |  |
| 4950 | 087_UA36995601_0019 | Equipment |            |                            |                     | The VEV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21   | from  | 1    |   |  |  |  |  |
| 4951 | 087_UA36995601_0020 | Equipment |            |                            |                     | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632   | from  | 1    |   |  |  |  |  |
| 4952 | 087_UA36995601_0021 | Equipment |            |                            |                     | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2), (5 m cable) - 1 pcs | For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |
| 4953 | 087_UA36995601_0022 | Equipment |            |                            |                     | Mobile lighting installation  | Power supply - 220V, frequency 50Hz. from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W., E40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.   | from  | 3    |   |  |  |  |  |
| 4954 | 087_UA36995601_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant  | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from  | 1    |   |  |  |  |  |
| 4955 | 087_UA36995601_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m  | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from  | 8    |   |  |  |  |  |
| 4956 | 087_UA36995601_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm   | Set of keys 20 units Set of keys - keys combined Key type - horn cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from  | 8    |   |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|------|----|--|--|--|--|--|
| 4957 | 087_UA36995601_0026 | Equipment |  |  |  | Set of hexagonal heads, 6-36 mm                                    | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" plastic suitcase<br>load capacity 5 t  | from | 8  |  |  |  |  |  |
| 4958 | 087_UA36995601_0027 | Equipment |  |  |  | Rail jacks   |  | from | 1  |  |  |  |  |  |
| 4959 | 087_UA36995601_0028 | Equipment |  |  |  | Hydraulic jacks 5 t.   | load capacity 5 t  | from | 1  |  |  |  |  |  |
| 4960 | 087_UA36995601_0029 | Equipment |  |  |  | Compressor up to 10 At   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels  | from | 1  |  |  |  |  |  |
| 4961 | 087_UA36995601_0030 | Equipment |  |  |  | Centralizers for steel pipes with a diameter from 325 mm to 720 mm | Centrifuge with two chains for pipes; Range - 325 - 720 mm.  | from | 3  |  |  |  |  |  |
| 4962 | 087_UA36995601_0031 | Equipment |  |  |  | Motorola radios (wokitoki type)                                    | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-Ion battery 2100 mAh / h, clip belt   | from | 10 |  |  |  |  |  |
| 4963 | 087_UA36995601_0032 | Equipment |  |  |  | Hose gas masks (hose length 10 m)                                  | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs   | from | 10 |  |  |  |  |  |
| 4964 | 087_UA36995601_0033 | Equipment |  |  |  | The lights are explosion-proof                                     | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.   | from | 15 |  |  |  |  |  |
| 4965 | 087_UA36995601_0034 | Equipment |  |  |  | Life jackets   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);   | from | 10 |  |  |  |  |  |
| 4966 | 087_UA36995601_0035 | Equipment |  |  |  | The rescue haliyard  | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12   | from | 10 |  |  |  |  |  |
| 4967 | 087_UA36995601_0036 | Equipment |  |  |  | VibraGas or similar gas detector                                   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, % LEL, hPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec.  | from | 5  |  |  |  |  |  |
| 4968 | 087_UA36995601_0037 | Equipment |  |  |  | GOLIATH gas analyzer or similar                                    | 128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° C to +40 ° C Operating time Depending on application and lighting Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 Mbit flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb   | from | 13 |  |  |  |  |  |
| 4969 | 087_UA36995601_0038 | Equipment |  |  |  | Carbon dioxide fire extinguishers (OU-5 type)                      | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from | 25 |  |  |  |  |  |
| 4970 | 087_UA36995601_0039 | Equipment |  |  |  | Metal detector   | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from | 1  |  |  |  |  |  |
| 4971 | 087_UA36995601_0040 | Equipment |  |  |  | Route finder SPRUT-17  | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), Hz: 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, μV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than % ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from | 3  |  |  |  |  |  |



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|------|---------------------|-----------|--|--|--|--|---|------|---|--|--|--|--|--|
| 4972 | 087_UA36995601_0041 | Equipment |  |  |  | Laser ELI leak indicator   | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device | from | 1 |  |  |  |  |  |
| 4973 | 087_UA36995601_0042 | Equipment |  |  |  | Heat gun 5 kW  | * Service area, kW, m : 50; * Power, W : 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220  | from | 1 |  |  |  |  |  |
| 4974 | 087_UA36995601_0043 | Equipment |  |  |  | Installation of diamond drilling in a set of 50-250 mm                               | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months   | from | 1 |  |  |  |  |  |
| 4975 | 087_UA36995601_0044 | Equipment |  |  |  | MINI-STOP SYSTEM Ravetti (Italy)   | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar   | from | 3 |  |  |  |  |  |
| 4976 | 089_UA39258250_0001 | Equipment |  |  |  | Toyota Hilux 4 * 4 pickup or similar   | 2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2GD-FTV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm) : 92.0 x 90.0 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm) : 400/1 600 - 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front axle and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher  | from | 2 |  |  |  |  |  |
| 4977 | 089_UA39258250_0002 | Equipment |  |  |  | Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar                                  | ENGINE Volume: 2.0 l (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed cycle: 7.1 l / 100 km Fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "   | from | 3 |  |  |  |  |  |
| 4978 | 089_UA39258250_0003 | Equipment |  |  |  | Autonomous welding unit DGW 310 M5 / RS - I-post                                     | Rated welding current 260/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz  | from | 1 |  |  |  |  |  |
| 4979 | 089_UA39258250_0004 | Equipment |  |  |  | Welding machines for thermistor welding of polyethylene pipes like Kamitech included | Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [° C] -10 +40 (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] Ø3,9; Ø4,7   | from | 1 |  |  |  |  |  |
| 4980 | 089_UA39258250_0005 | Equipment |  |  |  | Welding machines for butt welding of polyethylene pipes like Kamitech                | The hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams   | from | 1 |  |  |  |  |  |
| 4981 | 089_UA39258250_0006 | Equipment |  |  |  | Inverter type welding machines 200A  | Rated voltage of the power supply network, B 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case  | from | 3 |  |  |  |  |  |

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|------|---------------------|-----------|--|--|--|---|--|------|---|--|--|--|--|--|--|
| 4982 | 089_UA39258250_0007 | Equipment |  |  |  | Inverter type welding machines 400A   | Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases) Electrode diameter: 2.0 - 8.0 mm  | from | 1 |  |  |  |  |  |  |
| 4983 | 089_UA39258250_0008 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 32-90 mm  | Mechanical drive type: working area: diameter: 32-90 mm.   | from | 5 |  |  |  |  |  |  |
| 4984 | 089_UA39258250_0009 | Equipment |  |  |  | Clamps for pressing of polyethylene pipes diameter of 90-250 mm   | Mechanical drive type: working area: diameter: 90-250 mm.  | from | 5 |  |  |  |  |  |  |
| 4985 | 089_UA39258250_0010 | Equipment |  |  |  | Angle grinder of 1,5 kW   | Maximum disk diameter 180 mm Power supply 220V Power 1300 W or 1500 W.   | from | 6 |  |  |  |  |  |  |
| 4986 | 089_UA39258250_0011 | Equipment |  |  |  | Angle grinder of 2,5 kW   | Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm   | from | 4 |  |  |  |  |  |  |
| 4987 | 089_UA39258250_0012 | Equipment |  |  |  | 2.2 kW perforators  | Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX   | from | 3 |  |  |  |  |  |  |
| 4988 | 089_UA39258250_0013 | Equipment |  |  |  | Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m   | Honda \ Subaru engine Power, hp 13 Oil flow, l / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, l / h 3.5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75   | from | 1 |  |  |  |  |  |  |
| 4989 | 089_UA39258250_0014 | Equipment |  |  |  | Heavy jackhammer, BRV20 Stanley, included   | Handle type T-shaped, anti-vibration Oil flow, l / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 670x420 Weight, kg 21  | from | 1 |  |  |  |  |  |  |
| 4990 | 089_UA39258250_0015 | Equipment |  |  |  | Light jackhammer, CHV08 Stanley, included   | Handle type D-shaped Oil flow, l / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8   | from | 1 |  |  |  |  |  |  |
| 4991 | 089_UA39258250_0016 | Equipment |  |  |  | Submersible pump Stanley TPV16  | Max. Productivity, m³ \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, l / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14  | from | 1 |  |  |  |  |  |  |
| 4992 | 089_UA39258250_0017 | Equipment |  |  |  | Stanley COV10 circular saw, with a disk on concrete   | Oil flow, l / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes   | from | 1 |  |  |  |  |  |  |
| 4993 | 089_UA39258250_0018 | Equipment |  |  |  | Stanley trolley for COV10 dust  | Volume of a tank for water, l 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70  | from | 1 |  |  |  |  |  |  |
| 4994 | 089_UA39258250_0019 | Equipment |  |  |  | The VFV8 Stanley fan, in a set: an air hose of 20 m   | Maximum productivity, m³ \ g 2100 Oil flow, l / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21  | from | 1 |  |  |  |  |  |  |
| 4995 | 089_UA39258250_0020 | Equipment |  |  |  | Impact wrench IW12 (Stanley)  | Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, l / min 15-45 Working pressure, bar 70-140 Tightening torque, Nm 340-1632  | from | 1 |  |  |  |  |  |  |
| 4996 | 089_UA39258250_0021 | Equipment |  |  |  | Set of technological equipment Stop system TM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Du50 to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization. | 1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs<br>3. Holder of the internal cap art. 173 for art.530 (necessarily necessary for carrying out works for diameters of Du 50-150) 12 bars - 1 pcs 4. Stop system - 3 SS1 model 12 bars (Du 50-90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system SS1 12 bar - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop system SS2 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm-inner diameter of the pipe) - 2 pcs 10. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hour meter, high pressure hose with BRS, L = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA AN15 (Italy) - 1 pcs 13. Welding generator NEW MAGIC WELD TM MOSA (Italy), set: welding cable M307019190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs<br>For works (flow stop) on pipelines with a diameter of Du 50 mm to Du 150 mm (2 - 6 inches) and working pressure to 12 bar | from | 1 |  |  |  |  |  |  |

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|------|---------------------|-----------|------------|----------------------------|---------------------|--|---|---|------|----|--|--|--|--|--|
| 4997 | 089_UA39258250_0022 | Equipment |            |                            |                     | Mobile lighting installation                                       | Mobile lighting installation "TOWER" type EL (S) 600S - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs | Power supply - 220V, frequency 50Hz, from the petrol generator with power - the maximum / working 3,0 / 2,5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, E40 cartridge, Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - up to 60 sec., Time of full incandescence of the lamp - up to 5 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 65 kg.    | from | 3  |  |  |  |  |  |
| 4998 | 089_UA39258250_0023 | Equipment | Electrical | Civil protection equipment | Backup power plants | GENERAC SG 275 gas power plant                                     |   | Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123x1463x1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dB  | from | 1  |  |  |  |  |  |
| 4999 | 089_UA39258250_0024 | Equipment |            |                            |                     | Three-element folding ladder up to 6 m                             |   | Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg  | from | 8  |  |  |  |  |  |
| 5000 | 089_UA39258250_0025 | Equipment |            |                            |                     | Set of keys combined (horn-cap) 6-32 mm                            |   | Set of keys 20 units Set of keys - keys combined Key type - horn-cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32  | from | 8  |  |  |  |  |  |
| 5001 | 089_UA39258250_0026 | Equipment |            |                            |                     | Set of hexagonal heads, 6-36 mm                                    |   | Hexagonal end heads 1/2": 6; 8; 10; 11; 12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2" mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2", plastic suitcase   | from | 8  |  |  |  |  |  |
| 5002 | 089_UA39258250_0027 | Equipment |            |                            |                     | Rail jacks   |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 5003 | 089_UA39258250_0028 | Equipment |            |                            |                     | Hydraulic jacks 5 t.   |   | load capacity 5 t   | from | 1  |  |  |  |  |  |
| 5004 | 089_UA39258250_0029 | Equipment |            |                            |                     | Compressor up to 10 At   |   | Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, l / min - 220 l / min Shape - Horizontal Tank volume, l - 50 l Compressor type - Piston Conveyor wheels   | from | 1  |  |  |  |  |  |
| 5005 | 089_UA39258250_0030 | Equipment |            |                            |                     | Centralizers for steel pipes with a diameter from 325 mm to 720 mm |   | Centrifuge with two chains for pipes; Range - 325 - 720 mm.   | from | 3  |  |  |  |  |  |
| 5006 | 089_UA39258250_0031 | Equipment |            |                            |                     | Motorola radios (wokitoki type)                                    |   | Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-ion battery 2100 mA / h, clip belt   | from | 10 |  |  |  |  |  |
| 5007 | 089_UA39258250_0032 | Equipment |            |                            |                     | Hose gas masks (hose length 10 m)                                  |   | Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SAMP mask - 2 pcs   | from | 10 |  |  |  |  |  |
| 5008 | 089_UA39258250_0033 | Equipment |            |                            |                     | The lights are explosion-proof                                     |   | Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - ZONE 2; * Battery type - built-in battery; * Type - manual.  | from | 15 |  |  |  |  |  |
| 5009 | 089_UA39258250_0034 | Equipment |            |                            |                     | Life jackets   |   | * Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - S (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);  | from | 10 |  |  |  |  |  |
| 5010 | 089_UA39258250_0035 | Equipment |            |                            |                     | The rescue halyard   |   | Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12  | from | 10 |  |  |  |  |  |
| 5011 | 089_UA39258250_0036 | Equipment |            |                            |                     | VibraGas or similar gas detector                                   |   | Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight: approx. 400 g Display: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial 101500, rated voltage: 6 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11 ... 14 volts DC Charging current: max. 500mA (fuse) Operating time: > 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20 ° C to + 50 ° C Display: - visual: digital concentration readings, (ppm, vol.-%, LEL, HPA / mbar) acoustic: concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 10,000 ppm ± 20% of the final value Reaction time: t90 ≤ 10 sec. | from | 5  |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |  |         |            |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|--|---------|------------|--|--|--|--|--|
| 5012 | 089_UA39258250_0037 | Equipment |            |                            |                     | GOLIATH gas analyzer or similar   | 128 x 64 pixel LCD display, backlight NiMH battery pack<br>Operating temperature -10 ° C to +40 ° C<br>Operating time Depending on application and lighting<br>Charging The charger is powered by 12V DC or 230V AC, Time charging approx. 3 hours<br>USB port (specified at 500 mA), Charging time approx. 8 hours<br>Data storage 4 MB flash memory for more than 1 million measurement values<br>Protection type IP54<br>Dimensions 200 x 100 x 87 mm<br>Weight approx. 1,250 g<br>Explosion protection ATEX BV5 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb  | from    | 13         |  |  |  |  |  |
| 5013 | 089_UA39258250_0038 | Equipment |            |                            |                     | Carbon dioxide fire extinguishers (OU-5 type)   | * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide  | from    | 25         |  |  |  |  |  |
| 5014 | 089_UA39258250_0039 | Equipment |            |                            |                     | Metal detector  | * Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months   | from    | 1          |  |  |  |  |  |
| 5015 | 089_UA39258250_0040 | Equipment |            |                            |                     | Route finder SPRUT-17   | Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential".<br>1. Operating frequency (f work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dB: 100, 150 Hz not less than 110 at f rob, dB: 1020, 5000 Hz not less than 185 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, µV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 ... 10 m, at f - 1020 Hz, not more than ± 2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10 | from    | 3          |  |  |  |  |  |
| 5016 | 089_UA39258250_0041 | Equipment |            |                            |                     | Laser ELI leak indicator  | Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time ≤ 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 ~ 30 cm at a distance of 30 m> 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 0 ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IP54 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device  | from    | 1          |  |  |  |  |  |
| 5017 | 089_UA39258250_0042 | Equipment |            |                            |                     | Heat gun 5 kW   | * Service area, kV, m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220   | from    | 1          |  |  |  |  |  |
| 5018 | 089_UA39258250_0043 | Equipment |            |                            |                     | Installation of diamond drilling in a set of 50-250 mm  | Power, W - 2300 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months  | from    | 1          |  |  |  |  |  |
| 5019 | 089_UA39258250_0044 | Equipment |            |                            |                     | MINI-STOP SYSTEM Ravetti (Italy)  | For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (3/4 - 2 inches) and working pressure up to 12 bar  | from    | 3          |  |  |  |  |  |
| 5020 | 104_UA32359108_0001 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 60 kW, three phases, 380-220V, 50 Hz   |  | pcs     | 1          |  |  |  |  |  |
| 5021 | 104_UA32359108_0002 | Equipment |            |                            |                     | Mobile diesel compressor  | 5m3 per minute, 7 Atm  | pcs     | 1          |  |  |  |  |  |
| 5022 | 104_UA32359108_0003 | Equipment |            |                            |                     | Repair of VGP VCD-31,5  |  | pcs     | 1          |  |  |  |  |  |
| 5023 | 104_UA32359108_0004 | Equipment |            |                            |                     | Rail conductor (L = 12.5 m) complete with Briara bracket  | R-50   | pcs (m) | 100 (1250) |  |  |  |  |  |
| 5024 | 104_UA32359108_0005 | Equipment |            |                            |                     | compressor UKVSh-15/7   |  | pcs     | 1          |  |  |  |  |  |
| 5025 | 104_UA32359108_0006 | Equipment |            |                            |                     | Electric motor SDV-15-64-10-U3  | 1250 kW 600 rpm  | pcs     | 1          |  |  |  |  |  |
| 5026 | 104_UA32359108_0007 | Equipment |            |                            |                     | Electric motor MA-36-125 / 740  |  | pcs     | 1          |  |  |  |  |  |
| 5027 | 104_UA32359108_0008 | Equipment |            |                            |                     | RV-2MU2 reverser  |  | pcs     | 2          |  |  |  |  |  |
| 5028 | 104_UA32359108_0009 | Equipment |            |                            |                     | Reducer CTND-31.5   |  | pcs     | 2          |  |  |  |  |  |
| 5029 | 104_UA32359108_0010 | Equipment |            |                            |                     | liquid rheostat VZhR-350  |  | pcs     | 1          |  |  |  |  |  |
| 5030 | 104_UA32359108_0011 | Equipment |            |                            |                     | Contactork KV-2M-6-160-1.5U2  |  | pcs     | 2          |  |  |  |  |  |
| 5031 | 104_UA32359108_0012 | Equipment |            |                            |                     | The pump unit of TsNS 300x600 complete with the VAO-2 800x40x1500ob.v. electric motor, 3frames, KRUV-6 starting equipment |  | set     | 2          |  |  |  |  |  |
| 5032 | 104_UA32359108_0013 | Equipment |            |                            |                     | The CNS pump unit 105x98 complete with the 2B250S2 electric motor of 75 kW of 3000 rpm, with a frame                      |  | pcs     | 2          |  |  |  |  |  |

|      |                     |           |            |                            |                     |   |                       |  |            |               |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|-----------------------|--|------------|---------------|--|--|--|--|
| 5033 | 104_UA32359108_0014 | Equipment |            |                            |                     | The TsNS300x480 pump unit complete with the VAO-2 630kvt electric motor of 1500 rpm |                       |  | set        | 1             |  |  |  |  |
| 5034 | 104_UA32359108_0015 | Equipment |            |                            |                     | Pump unit TsNS60x99 complete with electric motor 37 kW 3000 kW                      |                       |  | set        | 1             |  |  |  |  |
| 5035 | 104_UA32359108_0016 | Equipment |            |                            |                     | Drainage pipe (L-12m, n-67pcs) complete with bolted connection                      | Ø219mm                |  | number (m) | 1 (800)       |  |  |  |  |
| 5036 | 104_UA32359108_0017 | Equipment |            |                            |                     | Pipeline (L = 12m, n-132 pcs.) complete with bolted connection                      | Ø219mm                |  | number (m) | 1 (1584)      |  |  |  |  |
| 5037 | 104_UA32359108_0018 | Equipment |            |                            |                     | Pipeline (L = 8m, n-94 pcs) complete with bolted connection                         | Ø150mm                |  | number (m) | 1 (1800)      |  |  |  |  |
| 5038 | 104_UA32359108_0019 | Equipment |            |                            |                     | Lifting machine C - 1.2 x 1   |                       |  | pcs        | 1             |  |  |  |  |
| 5039 | 104_UA32359108_0020 | Equipment |            |                            |                     | Oil filter 71121111-48020   |                       |  | pcs        | 8             |  |  |  |  |
| 5040 | 104_UA32359108_0021 | Equipment |            |                            |                     | Compressor oil separator  |                       |  | pcs        | 4             |  |  |  |  |
| 5041 | 104_UA32359108_0022 | Equipment |            |                            |                     | Electric motor ANN-15-49-12   | 800 kW 495 rpm        |  | pcs        | 1             |  |  |  |  |
| 5042 | 104_UA32359108_0023 | Equipment |            |                            |                     | Electric motor MN-36-61-8   | 125 kW 740 rpm        |  | pcs        | 1             |  |  |  |  |
| 5043 | 104_UA32359108_0024 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 7668-80   | Ø 50.5 mm             |  | pcs (m)    | 1 (750)       |  |  |  |  |
| 5044 | 104_UA32359108_0025 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 7668-80   | Ø 43.0 mm             |  | pcs (m)    | 1 (750)       |  |  |  |  |
| 5045 | 104_UA32359108_0026 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 7668-80   | Ø 42 mm               |  | pcs (m)    | 2 (750)       |  |  |  |  |
| 5046 | 104_UA32359108_0027 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 3077-80   | Ø 28.0 mm             |  | pcs (m)    | 1 (1200)      |  |  |  |  |
| 5047 | 104_UA32359108_0028 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 3077-80   | Ø 25.5 mm             |  | pcs (m)    | 1 (1200)      |  |  |  |  |
| 5048 | 104_UA32359108_0029 | Equipment |            |                            |                     | Rope GL-V-N-R-1770 GOST 2688-80   | Ø 22.5 mm             |  | m          | 1200          |  |  |  |  |
| 5049 | 104_UA32359108_0030 | Equipment |            |                            |                     | Rope GL-V-S-N-R-1770 GOST 3077-80   | Ø 22.5 mm             |  | pcs (m)    | 1 (1200)      |  |  |  |  |
| 5050 | 104_UA32359108_0031 | Equipment |            |                            |                     | Rope GL-V-N-R-1770  | Ø 19.5 mm             |  | pcs (m)    | 1 (1000)      |  |  |  |  |
| 5051 | 104_UA32359108_0032 | Equipment |            |                            |                     | PVC pipe  | Ø 110 mm              |  | m          | 700           |  |  |  |  |
| 5052 | 104_UA32359108_0033 | Equipment |            |                            |                     | Diesel fuel   |                       |  | l          | 2000          |  |  |  |  |
| 5053 | 104_UA32359108_0034 | Equipment |            |                            |                     | A92 petrol  |                       |  | l          | 1000          |  |  |  |  |
| 5054 | 104_UA32359108_0035 | Equipment |            |                            |                     | Mine rack, diameter 16-18 mm, L = 4 m   |                       |  | m3         | 200 per month |  |  |  |  |
| 5055 | 104_UA32359108_0036 | Equipment |            |                            |                     | Electrodes ANO-4  | Diameter 5 mm         |  | kg         | 200           |  |  |  |  |
| 5056 | 104_UA32359108_0037 | Equipment |            |                            |                     | Electrodes ANO-5  | Diameter 4 mm         |  | kg         | 200           |  |  |  |  |
| 5057 | 104_UA32359108_0038 | Equipment |            |                            |                     | I-40 ink  |                       |  | l          | 500           |  |  |  |  |
| 5058 | 104_UA32359108_0039 | Equipment |            |                            |                     | VZh-46 ink  |                       |  | l          | 300           |  |  |  |  |
| 5059 | 104_UA32359108_0040 | Equipment |            |                            |                     | IGP38 ink   |                       |  | l          | 100           |  |  |  |  |
| 5060 | 104_UA32359108_0041 | Equipment |            |                            |                     | IGP72 ink   |                       |  | l          | 100           |  |  |  |  |
| 5061 | 104_UA32359108_0042 | Equipment |            |                            |                     | TAD17 ink   |                       |  | l          | 500           |  |  |  |  |
| 5062 | 104_UA32359108_0043 | Equipment |            |                            |                     | M10G2K ink  |                       |  | l          | 200           |  |  |  |  |
| 5063 | 104_UA32359108_0044 | Equipment |            |                            |                     | Shahtol ink   |                       |  | l          | 200           |  |  |  |  |
| 5064 | 104_UA32359108_0045 | Equipment |            |                            |                     | Litol ink   |                       |  | kg         | 300           |  |  |  |  |
| 5065 | 104_UA32359108_0046 | Equipment |            |                            |                     | Solidol oil   |                       |  | kg         | 150           |  |  |  |  |
| 5066 | 104_UA32359108_0047 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 300 kW, three phases, 380-220V, 50 Hz (on the highway)             |                       |  | pcs        | 2             |  |  |  |  |
| 5067 | 104_UA32359108_0048 | Equipment |            |                            |                     | Mobile diesel compressor  | 5m3 per minute, 7 Atm |  | pcs        | 2             |  |  |  |  |
| 5068 | 104_UA32359108_0049 | Equipment |            |                            |                     | Autonomous diesel heater  | Power 50 kW           |  | pcs        | 2             |  |  |  |  |
| 5069 | 104_UA32359108_0050 | Equipment |            |                            |                     | Cable   | Copper, 4x25mm, vinyl |  | m.p.       | 1000          |  |  |  |  |
| 5070 | 104_UA32359108_0051 | Equipment |            |                            |                     | Extinguisher  | Foamy                 |  | pcs        | 100           |  |  |  |  |
| 5071 | 104_UA32359108_0052 | Equipment |            |                            |                     | Extinguisher  | Powder                |  | pcs        | 300           |  |  |  |  |
| 5072 | 104_UA32359108_0053 | Equipment |            |                            |                     | Self-rescuer mine insulating  | SHSS-IKS or similar   |  | pcs        | 150           |  |  |  |  |
| 5073 | 104_UA32359108_0054 | Equipment |            |                            |                     | Respirator  | P-30EX                |  | pcs        | 6             |  |  |  |  |
| 5074 | 104_UA32359108_0055 | Equipment |            |                            |                     | First aid kit   |                       |  | pcs        | 300           |  |  |  |  |
| 5075 | 104_UA32359108_0056 | Equipment |            |                            |                     | Fire hose 20-meter Ø 66 mm  |                       |  | pcs        | 20            |  |  |  |  |
| 5076 | 104_UA32359108_0057 | Equipment |            |                            |                     | Fire barrel   |                       |  | pcs        | 5             |  |  |  |  |
| 5077 | 104_UA32359108_0058 | Equipment |            |                            |                     | Fire hydrant Ø 50 mm  |                       |  | pcs        | 20            |  |  |  |  |
| 5078 | 104_UA32359108_0059 | Equipment |            |                            |                     | Nut fire coupling GM-70   |                       |  | pcs        | 20            |  |  |  |  |
| 5079 | 104_UA32359108_0060 | Equipment |            |                            |                     | Bolt M16x120  |                       |  | pcs        | 300           |  |  |  |  |
| 5080 | 104_UA32359108_0061 | Equipment |            |                            |                     | Diesel fuel   |                       |  | l          | 5000          |  |  |  |  |
| 5081 | 104_UA32359108_0062 | Equipment |            |                            |                     | A92 petrol  |                       |  | l          | 5000          |  |  |  |  |
| 5082 | 104_UA32359108_0063 | Equipment |            |                            |                     | Office computer   |                       |  | pcs        | 10            |  |  |  |  |
| 5083 | 104_UA32359108_0064 | Equipment |            |                            |                     | Canon I-SENSYS MF3010 or similar MFP printer  |                       |  | pcs        | 2             |  |  |  |  |
| 5084 | 104_UA32359108_0065 | Equipment |            |                            |                     | Canon TM-200 plotter or similar   |                       |  | pcs        | 1             |  |  |  |  |
| 5085 | 104_UA32359108_0066 | Equipment |            |                            |                     | Epson L15160 A3 or similar MFP printer  |                       |  | pcs        | 2             |  |  |  |  |
| 5086 | 104_UA32359108_0067 | Equipment |            |                            |                     | Mine rack, diameter 10-18 mm, L = 4 m   |                       |  | m3         | 200           |  |  |  |  |
| 5087 | 104_UA32359108_0068 | Equipment |            |                            |                     | Electrodes ANO-4  | Diameter 5 mm         |  | tn         | 1             |  |  |  |  |
| 5088 | 104_UA32359108_0069 | Equipment |            |                            |                     | Electrodes ANO-5  | Diameter 4 mm         |  | tn         | 1             |  |  |  |  |
| 5089 | 104_UA32359108_0070 | Equipment |            |                            |                     | I-40 ink  |                       |  | tn         | 1             |  |  |  |  |
| 5090 | 104_UA32359108_0071 | Equipment |            |                            |                     | IGP38 ink   |                       |  | tn         | 1             |  |  |  |  |
| 5091 | 104_UA32359108_0072 | Equipment |            |                            |                     | IGP72 ink   |                       |  | tn         | 1             |  |  |  |  |
| 5092 | 104_UA32359108_0073 | Equipment |            |                            |                     | TAD17 ink   |                       |  | tn         | 4             |  |  |  |  |
| 5093 | 104_UA32359108_0074 | Equipment |            |                            |                     | M10G2K ink  |                       |  | tn         | 0.6           |  |  |  |  |
| 5094 | 104_UA32359108_0075 | Equipment |            |                            |                     | Shahtol ink   |                       |  | l          | 700           |  |  |  |  |
| 5095 | 104_UA32359108_0076 | Equipment |            |                            |                     | Litol ink   |                       |  | kg         | 100           |  |  |  |  |
| 5096 | 104_UA32359108_0077 | Equipment |            |                            |                     | Solidol oil   |                       |  | kg         | 100           |  |  |  |  |
| 5097 | 104_UA32359108_0078 | Equipment |            |                            |                     | T1500 ink   |                       |  | tn         | 1.2           |  |  |  |  |
| 5098 | 104_UA32359108_0079 | Equipment |            |                            |                     | The lamp is mine main accumulator   | SVG-5                 |  | pcs        | 300           |  |  |  |  |
| 5099 | 104_UA32359108_0080 | Equipment |            |                            |                     | Rem. pump sets:   |                       |  |            |               |  |  |  |  |
| 5100 | 104_UA32359108_0081 | Equipment |            |                            |                     | CNS 60x250 with a shaft   |                       |  | pcs        | 1             |  |  |  |  |
| 5101 | 104_UA32359108_0082 | Equipment |            |                            |                     | CNS 180x128 with a shaft  |                       |  | pcs        | 4             |  |  |  |  |
| 5102 | 104_UA32359108_0083 | Equipment |            |                            |                     | CNS 300x480 with a shaft  |                       |  | pcs        | 5             |  |  |  |  |
| 5103 | 104_UA32359108_0084 | Equipment |            |                            |                     | CNS 300x240 with a shaft  |                       |  | pcs        | 2             |  |  |  |  |
| 5104 | 104_UA32359108_0085 | Equipment |            |                            |                     | Pump 1820   |                       |  | pcs        | 2             |  |  |  |  |
| 5105 | 104_UA32359108_0086 | Equipment |            |                            |                     | K60 pump  |                       |  | pcs        | 2             |  |  |  |  |
| 5106 | 104_UA32359108_0087 | Equipment |            |                            |                     | Quick-release connection 100 mm (wedge)   |                       |  | pcs        | 100           |  |  |  |  |

|      |                     |           |            |                            |                     |  |                         |      |      |      |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|-------------------------|------|------|------|--|--|--|--|
| 5107 | 104_UA32359108_0088 | Equipment |            |                            |                     | Quick-release connection 100 mm (bolt)   |                         |      | pcs  | 100  |  |  |  |  |
| 5108 | 104_UA32359108_0089 | Equipment |            |                            |                     | Quick-release connection 150 mm (wedge)  |                         |      | pcs  | 200  |  |  |  |  |
| 5109 | 104_UA32359108_0090 | Equipment |            |                            |                     | Quick-release connection 150 mm (bolt)   |                         |      | pcs  | 200  |  |  |  |  |
| 5110 | 104_UA32359108_0091 | Equipment |            |                            |                     | The pipeline is 100 mm   |                         |      | m.p. | 1000 |  |  |  |  |
| 5111 | 104_UA32359108_0092 | Equipment |            |                            |                     | The pipeline is 150 mm   |                         |      | m.p. | 2000 |  |  |  |  |
| 5112 | 104_UA32359108_0093 | Equipment |            |                            |                     | Pipeline 219 mm  |                         |      | m.p. | 1000 |  |  |  |  |
| 5113 | 104_UA32359108_0094 | Equipment |            |                            |                     | Polyethylene pipeline 10 atm. Ø110mm   |                         |      | m    | 1500 |  |  |  |  |
| 5114 | 104_UA32359108_0095 | Equipment |            |                            |                     | Couplings connecting Ø110 mm   |                         |      | pcs  | 15   |  |  |  |  |
| 5115 | 104_UA32359108_0096 | Equipment |            |                            |                     | Connecting knee 90 ° Ø110 mm   |                         |      | pcs  | 2    |  |  |  |  |
| 5116 | 104_UA32359108_0097 | Equipment |            |                            |                     | Pump installations with electric motors:<br>CNS 60x250 with ZWP280 engine 132kW                  |                         |      |      |      |  |  |  |  |
| 5117 | 104_UA32359108_0098 | Equipment |            |                            |                     | 1500rpm, or similar  |                         |      | pcs  | 3    |  |  |  |  |
| 5118 | 104_UA32359108_0099 | Equipment |            |                            |                     | CNS 180x128 with VAO2 450 engine 250 250<br>kW 1500 rpm, or similar                              |                         |      | pcs  | 5    |  |  |  |  |
| 5119 | 104_UA32359108_0100 | Equipment |            |                            |                     | CNS 300x480 with VAO2 engine 630kW<br>1500rpm, or similar  |                         |      | pcs  | 3    |  |  |  |  |
| 5120 | 104_UA32359108_0101 | Equipment |            |                            |                     | CNS 300x240 with the BAO2 engine 400 kW<br>1500 rpm, or similar                                  |                         |      | pcs  | 2    |  |  |  |  |
| 5121 | 104_UA32359108_0102 | Equipment |            |                            |                     | Pump NSh-250 with el. engine EDKOF 55 kW<br>1500 rpm   |                         |      | pcs  | 2    |  |  |  |  |
| 5122 | 104_UA32359108_0103 | Equipment |            |                            |                     | CNS pump 100x60 with el. engine  |                         |      | pcs  | 1    |  |  |  |  |
| 5123 | 104_UA32359108_0104 | Equipment |            |                            |                     | Electric motor VAO2-560M4 630 kW 1500 rpm  |                         |      | pcs  | 4    |  |  |  |  |
| 5124 | 104_UA32359108_0105 | Equipment |            |                            |                     | Rope f 25.5 GL-V-N-R-1860 GOST 3077-80   |                         |      | m    | 800  |  |  |  |  |
| 5125 | 104_UA32359108_0106 | Equipment |            |                            |                     | Rope f 25.5 G-V-N-R-1860 GOST 3077-80  |                         |      | m    | 2400 |  |  |  |  |
| 5126 | 104_UA32359108_0107 | Equipment |            |                            |                     | Rope f 32.5 GL-V-N-R-1770 GOST 3077-80   |                         |      | m    | 1700 |  |  |  |  |
| 5127 | 104_UA32359108_0108 | Equipment |            |                            |                     | Rope f 28.0 G-V-N-R-1770 GOST 3077-80  |                         |      | m    | 1000 |  |  |  |  |
| 5128 | 104_UA32359108_0109 | Equipment |            |                            |                     | Rope Ø 22.0 mm GL-V-N-R-1770 GOST3077-80   |                         |      | m    | 300  |  |  |  |  |
| 5129 | 104_UA32359108_0110 | Equipment |            |                            |                     | Compressor YxBlW 15/7  |                         |      | from | 2    |  |  |  |  |
| 5130 | 104_UA32359108_0111 | Equipment |            |                            |                     | Latch ø10 "  | 60-50 atm               |      | from | 5    |  |  |  |  |
| 5131 | 104_UA32359108_0112 | Equipment |            |                            |                     | Latch ø8 "   | 60-50 atm               |      | from | 6    |  |  |  |  |
| 5132 | 104_UA32359108_0113 | Equipment |            |                            |                     | Latch ø6 "   | 30 atm                  |      | from | 6    |  |  |  |  |
| 5133 | 104_UA32359108_0114 | Equipment |            |                            |                     | Latch ø4 "   | 30 atm                  |      | from | 6    |  |  |  |  |
| 5134 | 104_UA32359108_0115 | Equipment |            |                            |                     | Conveyor belt ShR 800x1000x5   |                         |      | m    | 2000 |  |  |  |  |
| 5135 | 104_UA32359108_0116 | Equipment |            |                            |                     | RVL-100 roller support   |                         |      | from | 200  |  |  |  |  |
| 5136 | 104_UA32359108_0117 | Equipment |            |                            |                     | RVL-80 roller support  |                         |      | from | 200  |  |  |  |  |
| 5137 | 104_UA32359108_0118 | Equipment |            |                            |                     | SIP cable.4 4x95   |                         |      | m    | 500  |  |  |  |  |
| 5138 | 104_UA32359108_0119 | Equipment |            |                            |                     | SBV 3x120 cable  |                         |      | m    | 1000 |  |  |  |  |
| 5139 | 104_UA32359108_0120 | Equipment |            |                            |                     | SBV 3x90 cable   |                         |      | m    | 3000 |  |  |  |  |
| 5140 | 104_UA32359108_0121 | Equipment |            |                            |                     | Bearings   |                         | 309  | from | 4    |  |  |  |  |
| 5141 | 104_UA32359108_0122 | Equipment |            |                            |                     | Bearings   |                         | 310  | from | 4    |  |  |  |  |
| 5142 | 104_UA32359108_0123 | Equipment |            |                            |                     | Bearings   |                         | 311  | from | 4    |  |  |  |  |
| 5143 | 104_UA32359108_0124 | Equipment |            |                            |                     | Bearings   |                         | 312  | from | 4    |  |  |  |  |
| 5144 | 104_UA32359108_0125 | Equipment |            |                            |                     | Bearings   |                         | 317  | from | 20   |  |  |  |  |
| 5145 | 104_UA32359108_0126 | Equipment |            |                            |                     | Bearings   |                         | 2317 | from | 4    |  |  |  |  |
| 5146 | 104_UA32359108_0127 | Equipment |            |                            |                     | Bearings   |                         | 318  | from | 4    |  |  |  |  |
| 5147 | 104_UA32359108_0128 | Equipment |            |                            |                     | Bearings   |                         | 2318 | from | 4    |  |  |  |  |
| 5148 | 104_UA32359108_0129 | Equipment |            |                            |                     | Bearings   |                         | 320  | from | 4    |  |  |  |  |
| 5149 | 104_UA32359108_0130 | Equipment |            |                            |                     | Bearings   |                         | 2320 | from | 4    |  |  |  |  |
| 5150 | 104_UA32359108_0131 | Equipment |            |                            |                     | Bearings   |                         | 322  | from | 4    |  |  |  |  |
| 5151 | 104_UA32359108_0132 | Equipment |            |                            |                     | Bearings   |                         | 2322 | from | 2    |  |  |  |  |
| 5152 | 104_UA32359108_0133 | Equipment |            |                            |                     | Bearings   |                         | 324  | from | 26   |  |  |  |  |
| 5153 | 104_UA32359108_0134 | Equipment |            |                            |                     | Bearings   |                         | 2324 | from | 28   |  |  |  |  |
| 5154 | 104_UA32359108_0135 | Equipment |            |                            |                     | Bearings   |                         | 1320 | from | 40   |  |  |  |  |
| 5155 | 104_UA32359108_0136 | Equipment |            |                            |                     | Bearings   |                         | 3618 | from | 40   |  |  |  |  |
| 5156 | 104_UA32359108_0137 | Equipment |            |                            |                     | Bearings   |                         | 3612 | from | 10   |  |  |  |  |
| 5157 | 104_UA32359108_0138 | Equipment |            |                            |                     | Bearings   |                         | 3620 | from | 20   |  |  |  |  |
| 5158 | 104_UA32359108_0139 | Equipment |            |                            |                     | Bearings   |                         | 3624 | from | 20   |  |  |  |  |
| 5159 | 104_UA32359108_0140 | Equipment |            |                            |                     | Bearings   |                         | 316  | from | 8    |  |  |  |  |
| 5160 | 104_UA32359108_0141 | Equipment |            |                            |                     | Bearings   |                         | 7312 | from | 4    |  |  |  |  |
| 5161 | 104_UA32359108_0142 | Equipment |            |                            |                     | Bearings   |                         | 3612 | from | 2    |  |  |  |  |
| 5162 | 104_UA32359108_0143 | Equipment |            |                            |                     | Bearings   |                         | 2311 | from | 2    |  |  |  |  |
| 5163 | 104_UA32359108_0144 | Equipment |            |                            |                     | Bearings   |                         | 7318 | from | 2    |  |  |  |  |
| 5164 | 104_UA32359108_0145 | Equipment |            |                            |                     | Bearings   |                         | 8108 | from | 50   |  |  |  |  |
| 5165 | 104_UA32359108_0146 | Equipment |            |                            |                     | Bearings   |                         | 314  | from | 1    |  |  |  |  |
| 5166 | 104_UA32359108_0147 | Equipment |            |                            |                     | The pump unit of TSN 300x600 complete with<br>the VAO-2 800kW electric motor, 1500 rpm,<br>6000B |                         |      | from | 3    |  |  |  |  |
| 5167 | 104_UA32359108_0148 | Equipment |            |                            |                     | Electric motor VAO-2   | 800 kW, 1500 rpm, 6000V |      | pcs  | 2    |  |  |  |  |
| 5168 | 104_UA32359108_0149 | Equipment |            |                            |                     | CNS pump unit 180x297 complete with frame<br>and electric motor VAO-2 250 kW, 1500 rpm           |                         |      | from | 2    |  |  |  |  |
| 5169 | 104_UA32359108_0150 | Equipment |            |                            |                     | Pipeline Ø150 mm   |                         |      | m    | 2000 |  |  |  |  |
| 5170 | 104_UA32359108_0151 | Equipment |            |                            |                     | Latch Ø150 mm  |                         |      | pcs  | 3    |  |  |  |  |
| 5171 | 104_UA32359108_0152 | Equipment |            |                            |                     | Receiving valve Ø150 mm  |                         |      | pcs  | 3    |  |  |  |  |
| 5172 | 104_UA32359108_0153 | Equipment |            |                            |                     | Check valve Ø150 mm  |                         |      | pcs  | 3    |  |  |  |  |
| 5173 | 104_UA32359108_0154 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 100 kW, three phases; 380-<br>220V, 50 Hz                                       |                         |      | from | 1    |  |  |  |  |
| 5174 | 104_UA32359108_0155 | Equipment |            |                            |                     | Main rope Ø50,5 GL-V-S-N-R-1770 GOST 7668-<br>80   |                         |      | m    | 900  |  |  |  |  |
| 5175 | 104_UA32359108_0156 | Equipment |            |                            |                     | Brake rope Ø35,0 GL-V-S-N-R-1770 GOST 3077-<br>80  |                         |      | m    | 1500 |  |  |  |  |
| 5176 | 104_UA32359108_0157 | Equipment |            |                            |                     | Transformer link   | T-1500                  |      | l    | 1000 |  |  |  |  |
| 5177 | 104_UA32359108_0158 | Equipment |            |                            |                     | Apparatus for protection against leakage<br>current to the ground AZUR-1                         |                         |      | pcs  | 5    |  |  |  |  |
| 5178 | 104_UA32359108_0159 | Equipment |            |                            |                     | Complete switchgear KRUV-6   | Introductory            |      | pcs  | 2    |  |  |  |  |
| 5179 | 104_UA32359108_0160 | Equipment |            |                            |                     | Complete switchgear KRUV-6   | Deferent                |      | pcs  | 4    |  |  |  |  |

|      |                     |           |            |                            |                     |   |     |  |      |  |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|-----|--|------|--|--|--|--|--|
| 5180 | 104_UA32359108_0161 | Equipment |            |                            |                     | Lacquer fabric  |     |  | m    | 300                                    |  |  |  |  |
| 5181 | 104_UA32359108_0162 | Equipment |            |                            |                     | Cable mastic  |     |  | kg   | 1000                                   |  |  |  |  |
| 5182 | 104_UA32359108_0163 | Equipment |            |                            |                     | EDCOF electric motor  |     | 55kW, 1500 rpm                                 | pcs  | 3                                      |  |  |  |  |
| 5183 | 104_UA32359108_0164 | Equipment |            |                            |                     | Cable BaE66Ila  |     | 3x95, 6kV                                      | m    | 1000                                   |  |  |  |  |
| 5184 | 104_UA32359108_0165 | Equipment |            |                            |                     | Electric locomotive 4.5 ARP complete with two batteries P25630 on a track of 900 mm |     |  | from | 1                                      |  |  |  |  |
| 5185 | 104_UA32359108_0166 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 60 kW  |     | three phases, 380-220V, 50 Hz                  | pcs  | 3                                      |  |  |  |  |
| 5186 | 104_UA32359108_0167 | Equipment |            |                            |                     | Mobile diesel compressor  |     | 5m3 per minute, 7 Atm                          | pcs  | 1                                      |  |  |  |  |
| 5187 | 104_UA32359108_0168 | Equipment |            |                            |                     | Autonomous diesel heater  |     | Power 25 kW                                    | pcs  | 2                                      |  |  |  |  |
| 5188 | 104_UA32359108_0169 | Equipment |            |                            |                     | Cable   |     | Copper, 4x25mm, vinyl                          | m.p. | 300                                    |  |  |  |  |
| 5189 | 104_UA32359108_0170 | Equipment |            |                            |                     | Extinguisher  |     | Foamy  | pcs  | 60                                     |  |  |  |  |
| 5190 | 104_UA32359108_0171 | Equipment |            |                            |                     | Extinguisher  |     | Powder   | pcs  | 60                                     |  |  |  |  |
| 5191 | 104_UA32359108_0172 | Equipment |            |                            |                     | Self-rescuer mine insulating  |     | SHSS-1KS or similar                            | pcs  | 315                                    |  |  |  |  |
| 5192 | 104_UA32359108_0173 | Equipment |            |                            |                     | Respirator  |     | P-30EX   | pcs  | 5                                      |  |  |  |  |
| 5193 | 104_UA32359108_0174 | Equipment |            |                            |                     | The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator          |     |  | pcs  | 1600                                   |  |  |  |  |
| 5194 | 104_UA32359108_0175 | Equipment |            |                            |                     | First aid kit   |     |  | pcs  | 100                                    |  |  |  |  |
| 5195 | 104_UA32359108_0176 | Equipment |            |                            |                     | Diesel fuel   |     |  | l    | 1000 (single delivery 500l)            |  |  |  |  |
| 5196 | 104_UA32359108_0177 | Equipment |            |                            |                     | A92 petrol  |     |  | l    | 500 (single delivery 250l)             |  |  |  |  |
| 5197 | 104_UA32359108_0178 | Equipment |            |                            |                     | Electrodes ANO-4  |     | Diameter 5 mm                                  | tn   | 0.2                                    |  |  |  |  |
| 5198 | 104_UA32359108_0179 | Equipment |            |                            |                     | Electrodes ANO-5  |     | Diameter 4 mm                                  | tn   | 0.2                                    |  |  |  |  |
| 5199 | 104_UA32359108_0180 | Equipment |            |                            |                     | I-40 ink  |     |  | tn   | 0.5                                    |  |  |  |  |
| 5200 | 104_UA32359108_0181 | Equipment |            |                            |                     | IGP38 ink   |     |  | tn   | 0.5                                    |  |  |  |  |
| 5201 | 104_UA32359108_0182 | Equipment |            |                            |                     | IGP72 ink   |     |  | tn   | 0.2                                    |  |  |  |  |
| 5202 | 104_UA32359108_0183 | Equipment |            |                            |                     | TAD17 ink   |     |  | tn   | 0.1                                    |  |  |  |  |
| 5203 | 104_UA32359108_0184 | Equipment |            |                            |                     | M10G2K ink  |     |  | tn   | 0.2                                    |  |  |  |  |
| 5204 | 104_UA32359108_0185 | Equipment |            |                            |                     | Shahtol ink   |     |  | l    | 20                                     |  |  |  |  |
| 5205 | 104_UA32359108_0186 | Equipment |            |                            |                     | Litol ink   |     |  | kg   | 10                                     |  |  |  |  |
| 5206 | 104_UA32359108_0187 | Equipment |            |                            |                     | Solidol oil   |     |  | kg   | 10                                     |  |  |  |  |
| 5207 | 104_UA32359108_0188 | Equipment |            |                            |                     | The lamp is mine main accumulator   |     | SVG-5  | pcs  | 315                                    |  |  |  |  |
| 5208 | 104_UA32359108_0189 | Equipment |            |                            |                     | Quick-release connection 150 mm (wedge)   |     |  | pcs  | 50                                     |  |  |  |  |
| 5209 | 104_UA32359108_0190 | Equipment |            |                            |                     | Quick-release connection 150 mm (bolt)  |     |  | pcs  | 50                                     |  |  |  |  |
| 5210 | 104_UA32359108_0191 | Equipment |            |                            |                     | The pipeline is 150 mm  |     |  | m.p. | 1500                                   |  |  |  |  |
| 5211 | 104_UA32359108_0192 | Equipment |            |                            |                     | Rope f 15.0 GL-V-N-R-1770 GOST 2688-80  |     |  | m    | 300                                    |  |  |  |  |
| 5212 | 104_UA32359108_0193 | Equipment |            |                            |                     | Pump 1620   |     |  | pcs  | 3                                      |  |  |  |  |
| 5213 | 104_UA32359108_0194 | Equipment |            |                            |                     | Compressor YkBLU 15/7   |     |  | from | 2                                      |  |  |  |  |
| 5214 | 104_UA32359108_0195 | Equipment |            |                            |                     | RVL-100 roller support  |     |  | from | 50                                     |  |  |  |  |
| 5215 | 104_UA32359108_0196 | Equipment |            |                            |                     | RVL-80 roller support   |     |  | from | 50                                     |  |  |  |  |
| 5216 | 104_UA32359108_0197 | Equipment |            |                            |                     | Roller top 2LU120   |     |  | from | 100                                    |  |  |  |  |
| 5217 | 104_UA32359108_0198 | Equipment |            |                            |                     | The roller lower 2LU120   |     |  | from | 100                                    |  |  |  |  |
| 5218 | 104_UA32359108_0199 | Equipment |            |                            |                     | SIP cable 4 x95   |     |  | m    | 500                                    |  |  |  |  |
| 5219 | 104_UA32359108_0200 | Equipment |            |                            |                     | SBV 3x50 cable  |     |  | m    | 300                                    |  |  |  |  |
| 5220 | 104_UA32359108_0201 | Equipment |            |                            |                     | Bearings  | 308 |  | from | 4                                      |  |  |  |  |
| 5221 | 104_UA32359108_0202 | Equipment |            |                            |                     | Bearings  | 310 |  | from | 4                                      |  |  |  |  |
| 5222 | 104_UA32359108_0203 | Equipment |            |                            |                     | Bearings  | 312 |  | from | 4                                      |  |  |  |  |
| 5223 | 104_UA32359108_0204 | Equipment |            |                            |                     | Bearings  | 317 |  | from | 4                                      |  |  |  |  |
| 5224 | 104_UA32359108_0205 | Equipment |            |                            |                     | Trolley   |     | VG-1.4   | from | 10                                     |  |  |  |  |
| 5225 | 104_UA32359108_0206 | Equipment |            |                            |                     | Rope f 22.0 GL-V-N-R-1770 GOST 2688-80  |     |  | m    | 1800                                   |  |  |  |  |
| 5226 | 104_UA32359108_0207 | Equipment |            |                            |                     | PVI-125 starter   |     |  | from | 3                                      |  |  |  |  |
| 5227 | 104_UA32359108_0208 | Equipment |            |                            |                     | PVI-250 starter   |     | for the compressor                             | from | 2                                      |  |  |  |  |
| 5228 | 104_UA32359108_0209 | Equipment |            |                            |                     | Conveyor belt SHR 800/1000  |     | SHR 800/1000                                   | m    | 600                                    |  |  |  |  |
| 5229 | 104_UA32359108_0210 | Equipment |            |                            |                     | Engine  |     | EDCOF 55 kW / 1500 rpm                         | from | 2                                      |  |  |  |  |
| 5230 | 104_UA32359108_0211 | Equipment |            |                            |                     | Fire hose   |     | φ65mm  | from | 30                                     |  |  |  |  |
| 5231 | 095_UA33426253_0001 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 30 kW  |     | three phases, 380-220V, 50 Hz                  | pcs  | 5                                      |  |  |  |  |
| 5232 | 095_UA33426253_0002 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 60 kW  |     | three phases, 380-220V, 50 Hz                  | pcs  | 7                                      |  |  |  |  |
| 5233 | 095_UA33426253_0003 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator 200 kW   |     | three phases, 380-220V, 50 Hz (on the highway) | pcs  | 5                                      |  |  |  |  |
| 5234 | 095_UA33426253_0004 | Equipment |            |                            |                     | Mobile diesel compressor  |     | 5m3 per minute, 7 Atm                          | pcs  | 4                                      |  |  |  |  |
| 5235 | 095_UA33426253_0005 | Equipment |            |                            |                     | Autonomous diesel heater  |     | Power 50 kW                                    | pcs  | 4                                      |  |  |  |  |
| 5236 | 095_UA33426253_0006 | Equipment |            |                            |                     | Cable   |     | Copper, 4x25mm, vinyl                          | m.p. | 1000                                   |  |  |  |  |
| 5237 | 095_UA33426253_0007 | Equipment |            |                            |                     | Extinguisher  |     | Foamy  | pcs  | 300                                    |  |  |  |  |
| 5238 | 095_UA33426253_0008 | Equipment |            |                            |                     | Extinguisher  |     | Powder   | pcs  | 300                                    |  |  |  |  |
| 5239 | 095_UA33426253_0009 | Equipment |            |                            |                     | Self-rescuer mine insulating  |     | SHSS-1KS or similar                            | pcs  | 600                                    |  |  |  |  |
| 5240 | 095_UA33426253_0010 | Equipment |            |                            |                     | Respirator  |     | P-30EX   | pcs  | 20                                     |  |  |  |  |
| 5241 | 095_UA33426253_0011 | Equipment |            |                            |                     | The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator          |     |  | pcs  | 30000                                  |  |  |  |  |
| 5242 | 095_UA33426253_0012 | Equipment |            |                            |                     | First aid kit   |     |  | pcs  | 1000                                   |  |  |  |  |
| 5243 | 095_UA33426253_0013 | Equipment |            |                            |                     | Diesel fuel   |     |  | l    | 30,000 (single delivery 15,000 liters) |  |  |  |  |
| 5244 | 095_UA33426253_0014 | Equipment |            |                            |                     | A92 petrol  |     |  | l    | 30001 (single delivery 15 000l)        |  |  |  |  |
| 5245 | 095_UA33426253_0015 | Equipment |            |                            |                     | Mine rack   |     | diameter 10-18 mm, L = 4 m                     | m3   | 500 per month                          |  |  |  |  |
| 5246 | 095_UA33426253_0016 | Equipment |            |                            |                     | Electrodes ANO-4  |     | Diameter 5 mm                                  | tn   | 2                                      |  |  |  |  |
| 5247 | 095_UA33426253_0017 | Equipment |            |                            |                     | Electrodes ANO-5  |     | Diameter 4 mm                                  | tn   | 2                                      |  |  |  |  |
| 5248 | 095_UA33426253_0018 | Equipment |            |                            |                     | I-40 ink  |     |  | tn   | 4                                      |  |  |  |  |

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|------|---------------------|-----------|--|--|--|--|--|--|------|------|--|--|--|--|
| 5249 | 095_UA33426253_0019 | Equipment |  |  |  | IGP38 ink  |  |  | tn   | 4    |  |  |  |  |
| 5250 | 095_UA33426253_0020 | Equipment |  |  |  | IGP72 ink  |  |  | tn   | 4    |  |  |  |  |
| 5251 | 095_UA33426253_0021 | Equipment |  |  |  | TAD17 ink  |  |  | tn   | 4    |  |  |  |  |
| 5252 | 095_UA33426253_0022 | Equipment |  |  |  | M10G2K ink   |  |  | tn   | 6    |  |  |  |  |
| 5253 | 095_UA33426253_0023 | Equipment |  |  |  | Shahtol ink  |  |  | l    | 2    |  |  |  |  |
| 5254 | 095_UA33426253_0024 | Equipment |  |  |  | Litol ink  |  |  | kg   | 1    |  |  |  |  |
| 5255 | 095_UA33426253_0025 | Equipment |  |  |  | Solidol oil  |  |  | kg   | 1    |  |  |  |  |
| 5256 | 095_UA33426253_0026 | Equipment |  |  |  | T1500 ink  |  |  | tn   | 6    |  |  |  |  |
| 5257 | 095_UA33426253_0027 | Equipment |  |  |  | Concentrate for preparation of working liquid for mechanical complexes | Curtoll or Solcenik PL plus                                      |  | tn   | 20   |  |  |  |  |
| 5258 | 095_UA33426253_0028 | Equipment |  |  |  | Connecting link Z5 26  |  |  | pcs  | 100  |  |  |  |  |
| 5259 | 095_UA33426253_0029 | Equipment |  |  |  | Hydraulic distributor RSD 005  |  |  | pcs  | 100  |  |  |  |  |
| 5260 | 095_UA33426253_0030 | Equipment |  |  |  | High pressure hose in stock  | 8mm - L = 0.4m   |  | pcs  | 100  |  |  |  |  |
| 5261 | 095_UA33426253_0031 | Equipment |  |  |  | High pressure hose in stock  | 8mm - L = 2.5m   |  | pcs  | 200  |  |  |  |  |
| 5262 | 095_UA33426253_0032 | Equipment |  |  |  | High pressure hose in stock  | 12mm - L = 2.5m  |  | pcs  | 100  |  |  |  |  |
| 5263 | 095_UA33426253_0033 | Equipment |  |  |  | High pressure hose in stock  | 20mm - L = 2.2m  |  | pcs  | 100  |  |  |  |  |
| 5264 | 095_UA33426253_0034 | Equipment |  |  |  | High pressure hose in stock  | 20 mm - dimensional  |  | m    | 300  |  |  |  |  |
| 5265 | 095_UA33426253_0035 | Equipment |  |  |  | The lamp is mine main accumulator                                      | SVG-5  |  | pcs  | 500  |  |  |  |  |
| 5266 | 095_UA33426253_0036 | Equipment |  |  |  | Rope GL 22mm   |  |  | m    | 1500 |  |  |  |  |
| 5267 | 095_UA33426253_0037 | Equipment |  |  |  | Rem. pump sets   | CNS 60x250 with a shaft  |  | pcs  | 10   |  |  |  |  |
| 5268 | 095_UA33426253_0038 | Equipment |  |  |  | Rem. pump sets   | CNS 180x297 with shaft   |  | pcs  | 5    |  |  |  |  |
| 5269 | 095_UA33426253_0039 | Equipment |  |  |  | Rem. pump sets   | CNS 300x300 with a shaft   |  | pcs  | 5    |  |  |  |  |
| 5270 | 095_UA33426253_0040 | Equipment |  |  |  | Pump 1820  |  |  | pcs  | 10   |  |  |  |  |
| 5271 | 095_UA33426253_0041 | Equipment |  |  |  | K60 pump   |  |  | pcs  | 5    |  |  |  |  |
| 5272 | 095_UA33426253_0042 | Equipment |  |  |  | K90 pump   |  |  | pcs  | 5    |  |  |  |  |
| 5273 | 095_UA33426253_0043 | Equipment |  |  |  | Quick-release connection 150 mm (wedge)                                |  |  | pcs  | 50   |  |  |  |  |
| 5274 | 095_UA33426253_0044 | Equipment |  |  |  | Quick-release connection 150 mm (bolt)                                 |  |  | pcs  | 50   |  |  |  |  |
| 5275 | 095_UA33426253_0045 | Equipment |  |  |  | The pipeline is 150 mm   |  |  | m.p. | 2000 |  |  |  |  |
| 5276 | 095_UA33426253_0046 | Equipment |  |  |  | Pump installations with electric motors                                | CNS 60x250 with 2WP280 engine 132kW 1500rpm, or similar          |  | pcs  | 1    |  |  |  |  |
| 5277 | 095_UA33426253_0047 | Equipment |  |  |  | Pump installations with electric motors                                | CNS 180x297 with BAO2 450 engine 250 250 kW 1500 rpm, or similar |  | pcs  | 2    |  |  |  |  |
| 5278 | 095_UA33426253_0048 | Equipment |  |  |  | Pump installations with electric motors                                | CNS 300x300 with engine VAO2 450 400kW 1500rpm, or similar       |  | pcs  | 1    |  |  |  |  |
| 5279 | 095_UA33426253_0049 | Equipment |  |  |  | Rope f 25.5 GL-V-N-R-1860 GOST 3077-80                                 |  |  | m    | 1500 |  |  |  |  |
| 5280 | 095_UA33426253_0050 | Equipment |  |  |  | Rope f 33.5 GL-V-N-R-1770 GOST 7668-80                                 |  |  | m    | 700  |  |  |  |  |
| 5281 | 095_UA33426253_0051 | Equipment |  |  |  | Rope f 15.0 GL-V-N-R-1770 GOST 2688-80                                 |  |  | m    | 500  |  |  |  |  |
| 5282 | 095_UA33426253_0052 | Equipment |  |  |  | Grid-iron type A   |  |  | pcs  | 300  |  |  |  |  |
| 5283 | 095_UA33426253_0053 | Equipment |  |  |  | Grid-type type B   |  |  | pcs  | 300  |  |  |  |  |
| 5284 | 095_UA33426253_0054 | Equipment |  |  |  | Repair kit for CNS pumps 300 * 480                                     |  |  | to-t | 1    |  |  |  |  |
| 5285 | 095_UA33426253_0055 | Equipment |  |  |  | Repair kit for CNS 300 * 420 pumps                                     |  |  | to-t | 1    |  |  |  |  |
| 5286 | 095_UA33426253_0056 | Equipment |  |  |  | Repair kit for CNS pumps 60 * 125                                      |  |  | to-t | 1    |  |  |  |  |
| 5287 | 095_UA33426253_0057 | Equipment |  |  |  | Pump 1820  |  |  | pcs  | 10   |  |  |  |  |
| 5288 | 095_UA33426253_0058 | Equipment |  |  |  | Rope Ø 42,0mm GL-V-N-R-1770 GOST 7667-80 (L = 450m * 2 units)          |  |  | m    | 900  |  |  |  |  |
| 5289 | 095_UA33426253_0059 | Equipment |  |  |  | Rope Ø 22,0 mm GL-V-N-R-1770 GOST3077-80 (L = 2200 m)                  |  |  | m    | 2200 |  |  |  |  |
| 5290 | 095_UA33426253_0060 | Equipment |  |  |  | Compressor Yx8W 15/7   |  |  | from | 2    |  |  |  |  |
| 5291 | 095_UA33426253_0061 | Equipment |  |  |  | Repair kit for CNS pumps 300 * 360                                     |  |  | to-t | 1    |  |  |  |  |
| 5292 | 095_UA33426253_0062 | Equipment |  |  |  | Repair kit for pumps CNS 180 * 425                                     |  |  | to-t | 1    |  |  |  |  |
| 5293 | 095_UA33426253_0063 | Equipment |  |  |  | Repair kit for CNS pumps 180 * 128                                     |  |  | to-t | 2    |  |  |  |  |
| 5294 | 095_UA33426253_0064 | Equipment |  |  |  | Repair kit for CNS pumps 60 * 175                                      |  |  | to-t | 2    |  |  |  |  |
| 5295 | 095_UA33426253_0065 | Equipment |  |  |  | CNS pump set 180 * 425, or similar                                     |  |  | from | 1    |  |  |  |  |
| 5296 | 095_UA33426253_0066 | Equipment |  |  |  | Electric motor VAO-4.56054   | 500 kW / 1500 rpm  |  | from | 2    |  |  |  |  |
| 5297 | 095_UA33426253_0067 | Equipment |  |  |  | The pump TsNSSh300-570 with the electric motor 6000B                   |  |  | from | 1    |  |  |  |  |
| 5298 | 095_UA33426253_0068 | Equipment |  |  |  | The pump TsNSSh300-240 with the electric motor                         |  |  | from | 1    |  |  |  |  |
| 5299 | 095_UA33426253_0069 | Equipment |  |  |  | Electric motor VAO-2   | 800kW 6000V  |  | from | 1    |  |  |  |  |
| 5300 | 095_UA33426253_0070 | Equipment |  |  |  | Electric motor VAO-2   | 500kW 6000V  |  | from | 1    |  |  |  |  |
| 5301 | 095_UA33426253_0071 | Equipment |  |  |  | Electric motor VAO-2   | 630kW 6000V  |  | from | 1    |  |  |  |  |
| 5302 | 095_UA33426253_0072 | Equipment |  |  |  | Electric motor VAO-2.315   | 250kW 660V   |  | from | 1    |  |  |  |  |
| 5303 | 095_UA33426253_0073 | Equipment |  |  |  | Pipeline   | ø219mm   |  | m    | 2000 |  |  |  |  |
| 5304 | 095_UA33426253_0074 | Equipment |  |  |  | Latch ø10 "  | 60-50 atm  |  | from | 5    |  |  |  |  |
| 5305 | 095_UA33426253_0075 | Equipment |  |  |  | Latch ø8 "   | 60-50 atm  |  | from | 6    |  |  |  |  |
| 5306 | 095_UA33426253_0076 | Equipment |  |  |  | Latch ø6 "   | 30 atm   |  | from | 6    |  |  |  |  |
| 5307 | 095_UA33426253_0077 | Equipment |  |  |  | Latch ø4 "   | 30 atm   |  | from | 6    |  |  |  |  |
| 5308 | 095_UA33426253_0078 | Equipment |  |  |  | RVL-100 roller support   |  |  | from | 300  |  |  |  |  |
| 5309 | 095_UA33426253_0079 | Equipment |  |  |  | RVL-80 roller support  |  |  | from | 300  |  |  |  |  |
| 5310 | 095_UA33426253_0080 | Equipment |  |  |  | Roller top 2LU120  |  |  | from | 600  |  |  |  |  |
| 5311 | 095_UA33426253_0081 | Equipment |  |  |  | The roller lower 2LU120  |  |  | from | 300  |  |  |  |  |
| 5312 | 095_UA33426253_0082 | Equipment |  |  |  | SIP cable 4 x ø5   |  |  | m    | 500  |  |  |  |  |
| 5313 | 095_UA33426253_0083 | Equipment |  |  |  | SBV 3x120 cable  |  |  | m    | 1000 |  |  |  |  |
| 5314 | 095_UA33426253_0084 | Equipment |  |  |  | SBV 3x90 cable   |  |  | m    | 3000 |  |  |  |  |
| 5315 | 095_UA33426253_0085 | Equipment |  |  |  | Repair kits for pumps  | LHCW300-570  |  | from | 1    |  |  |  |  |
| 5316 | 095_UA33426253_0086 | Equipment |  |  |  | Repair kits for pumps  | CNS300-240   |  | from | 1    |  |  |  |  |
| 5317 | 095_UA33426253_0087 | Equipment |  |  |  | Repair kits for pumps  | LHCW300-120  |  | from | 1    |  |  |  |  |
| 5318 | 095_UA33426253_0088 | Equipment |  |  |  | Repair kits for pumps  | LHCW180-297  |  | from | 1    |  |  |  |  |
| 5319 | 095_UA33426253_0089 | Equipment |  |  |  | Rope Ø 30,5mm GL-V-N-R-1770 GOST 3077-80 (L = 1000m)                   |  |  | m    | 1000 |  |  |  |  |
| 5320 | 095_UA33426253_0090 | Equipment |  |  |  | Rope Ø 25,5mm GL-V-N-R-1770 GOST 3077-80 (L = 1000m)                   |  |  | m    | 1000 |  |  |  |  |
| 5321 | 095_UA33426253_0091 | Equipment |  |  |  | Rope Ø 25,5mm GL-V-N-R-1770 GOST 3077-80 (L = 1000m)                   |  |  | m    | 1000 |  |  |  |  |
| 5322 | 095_UA33426253_0092 | Equipment |  |  |  | Bearings   | 309  |  | from | 4    |  |  |  |  |
| 5323 | 095_UA33426253_0093 | Equipment |  |  |  | Bearings   | 310  |  | from | 4    |  |  |  |  |
| 5324 | 095_UA33426253_0094 | Equipment |  |  |  | Bearings   | 311  |  | from | 4    |  |  |  |  |
| 5325 | 095_UA33426253_0095 | Equipment |  |  |  | Bearings   | 312  |  | from | 4    |  |  |  |  |



|      |                     |           |            |                            |                     |  |      |  |       |               |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|------|--|-------|---------------|--|--|--|--|
| 5326 | 095_UA33426253_0096 | Equipment |            |                            |                     | Bearings   | 317  |  | from  | 20            |  |  |  |  |
| 5327 | 095_UA33426253_0097 | Equipment |            |                            |                     | Bearings   | 2317 |  | from  | 4             |  |  |  |  |
| 5328 | 095_UA33426253_0098 | Equipment |            |                            |                     | Bearings   | 318  |  | from  | 4             |  |  |  |  |
| 5329 | 095_UA33426253_0099 | Equipment |            |                            |                     | Bearings   | 2318 |  | from  | 4             |  |  |  |  |
| 5330 | 095_UA33426253_0100 | Equipment |            |                            |                     | Bearings   | 320  |  | from  | 4             |  |  |  |  |
| 5331 | 095_UA33426253_0101 | Equipment |            |                            |                     | Bearings   | 2320 |  | from  | 4             |  |  |  |  |
| 5332 | 095_UA33426253_0102 | Equipment |            |                            |                     | Bearings   | 322  |  | from  | 4             |  |  |  |  |
| 5333 | 095_UA33426253_0103 | Equipment |            |                            |                     | Bearings   | 2322 |  | from  | 2             |  |  |  |  |
| 5334 | 095_UA33426253_0104 | Equipment |            |                            |                     | Bearings   | 324  |  | from  | 26            |  |  |  |  |
| 5335 | 095_UA33426253_0105 | Equipment |            |                            |                     | Bearings   | 2324 |  | from  | 28            |  |  |  |  |
| 5336 | 095_UA33426253_0106 | Equipment |            |                            |                     | Bearings   | 1320 |  | from  | 40            |  |  |  |  |
| 5337 | 095_UA33426253_0107 | Equipment |            |                            |                     | Bearings   | 3618 |  | from  | 40            |  |  |  |  |
| 5338 | 095_UA33426253_0108 | Equipment |            |                            |                     | Bearings   | 3612 |  | from  | 10            |  |  |  |  |
| 5339 | 095_UA33426253_0109 | Equipment |            |                            |                     | Bearings   | 3620 |  | from  | 20            |  |  |  |  |
| 5340 | 095_UA33426253_0110 | Equipment |            |                            |                     | Bearings   | 3624 |  | from  | 20            |  |  |  |  |
| 5341 | 095_UA33426253_0111 | Equipment |            |                            |                     | Bearings   | 316  |  | from  | 8             |  |  |  |  |
| 5342 | 095_UA33426253_0112 | Equipment |            |                            |                     | Bearings   | 7312 |  | from  | 4             |  |  |  |  |
| 5343 | 095_UA33426253_0113 | Equipment |            |                            |                     | Bearings   | 3612 |  | from  | 2             |  |  |  |  |
| 5344 | 095_UA33426253_0114 | Equipment |            |                            |                     | Bearings   | 2311 |  | from  | 2             |  |  |  |  |
| 5345 | 095_UA33426253_0115 | Equipment |            |                            |                     | Bearings   | 7318 |  | from  | 2             |  |  |  |  |
| 5346 | 095_UA33426253_0116 | Equipment |            |                            |                     | Bearings   | 8108 |  | from  | 50            |  |  |  |  |
| 5347 | 095_UA33426253_0117 | Equipment |            |                            |                     | Bearings   | 314  |  | from  | 1             |  |  |  |  |
| 5348 | 091_UA34032208_0118 | Equipment |            |                            |                     | CNS-60/150 pump  |      | Productivity - 60 m³ / hour.                               | from  | 2             |  |  |  |  |
| 5349 | 091_UA34032208_0119 | Equipment |            |                            |                     | CNS300 / 480 pump  |      | Productivity - 300 m³ / hour.                              | from  | 2             |  |  |  |  |
| 5350 | 091_UA34032208_0120 | Equipment |            |                            |                     | CNS-180/212 pump   |      | Productivity - 180 m³ / hour.                              | from  | 4             |  |  |  |  |
| 5351 | 091_UA34032208_0121 | Equipment |            |                            |                     | Pump ECV 5-6,5-120   |      | Productivity - 6,5 m³ / hour.                              | from  | 2             |  |  |  |  |
| 5352 | 091_UA34032208_0122 | Equipment |            |                            |                     | Electric motor SDV-15-64-10 drive VGP VTs-32                               |      | 1250 kW, 600 rpm   | from  | 2             |  |  |  |  |
| 5353 | 091_UA34032208_0123 | Equipment |            |                            |                     | Electric motor VAO-2 630 kW., 1500 rpm. CNS pump drive 300/480             |      | 630 kW, 1500 rpm   | from  | 2             |  |  |  |  |
| 5354 | 091_UA34032208_0124 | Equipment |            |                            |                     | Electric clutch sliding VSP-01.03.000 cleaning combine UKD-200/250         |      |  | from  | 4             |  |  |  |  |
| 5355 | 091_UA34032208_0125 | Equipment |            |                            |                     | Pump station CIS-200/32  |      |  | from  | 2             |  |  |  |  |
| 5356 | 091_UA34032208_0126 | Equipment |            |                            |                     | Hydraulic coupling GPE-480A-06   |      |  | from  | 4             |  |  |  |  |
| 5357 | 091_UA34032208_0127 | Equipment |            |                            |                     | Hydraulic coupling GPE-480U.01.0200  |      |  | from  | 4             |  |  |  |  |
| 5358 | 091_UA34032208_0128 | Equipment |            |                            |                     | Mobile compressor UKVSh-15/8   |      | Productivity - 15 m³ / min.                                | from  | 4             |  |  |  |  |
| 5359 | 091_UA34032208_0129 | Equipment |            |                            |                     | The rope is the main unicellular lift of the cage trunk                    |      | Ø33.0, TU-14-4-1444-87                                     | m.    | 2000          |  |  |  |  |
| 5360 | 091_UA34032208_0130 | Equipment |            |                            |                     | The rope is the main breed rise of the skip shaft                          |      | Ø33.0, TU-14-4-1444-87                                     | m.    | 2200          |  |  |  |  |
| 5361 | 091_UA34032208_0131 | Equipment |            |                            |                     | Brake rope single-cage lifting ventilation shaft                           |      | Ø35.0, DSTU 3077-80  | m.    | 1500          |  |  |  |  |
| 5362 | 091_UA34032208_0132 | Equipment |            |                            |                     | Balancing rope single-cage lift of the cage trunk                          |      | Ø45.5, DSTU 3088-80  | m.    | 2200          |  |  |  |  |
| 5363 | 091_UA34032208_0133 | Equipment |            |                            |                     | Rope balancing rope lifting skip barrel                                    |      | Ø45.5 DSTU 3088-80   | m.    | 2000          |  |  |  |  |
| 5364 | 091_UA34032208_0134 | Equipment |            |                            |                     | The rope is the main underground lift                                      |      | Ø25.5, DSTU 3077-80  | m.    | 1600          |  |  |  |  |
| 5365 | 091_UA34032208_0135 | Equipment |            |                            |                     | The rope is the main underground lift                                      |      | Ø16.5, DSTU 3077-80  | m.    | 2000          |  |  |  |  |
| 5366 | 091_UA34032208_0136 | Equipment |            |                            |                     | Underground transportation rope  |      | Ø22.5, DSTU 3077-80  | m.    | 10000         |  |  |  |  |
| 5367 | 105_UA00178353_0001 | Equipment |            |                            |                     | Connecting links   |      | pcs  | 5000  |               |  |  |  |  |
| 5368 | 105_UA00178353_0002 | Equipment |            |                            |                     | Double circuit track 24x86   |      | m  | 10000 |               |  |  |  |  |
| 5369 | 105_UA00178353_0003 | Equipment |            |                            |                     | Round link chain 26x92   |      | m  | 6000  |               |  |  |  |  |
| 5370 | 097_UA43895975_0001 | Equipment | Electrical | Civil protection equipment | Backup power plants | Matari MC2005 diesel generator   |      | three-phase 380 V rated power 200 kW                       | pcs   | 2             |  |  |  |  |
| 5371 | 097_UA43895975_0002 | Equipment |            |                            |                     | Kaeser M50 mobile diesel compressor  |      | productivity of 5 cubic meters. / min max. pressure 7 atm. | pcs   | 2             |  |  |  |  |
| 5372 | 097_UA43895975_0003 | Equipment |            |                            |                     | Electric forklift with a capacity of 3 tons                                |      |  | pcs   | 2             |  |  |  |  |
| 5373 | 097_UA43895975_0004 | Equipment |            |                            |                     | The car with the crane - the manipulator and a basket to 5 tons            |      |  | pcs   | 1             |  |  |  |  |
| 5374 | 097_UA43895975_0005 | Equipment |            |                            |                     | Extinguisher   |      | Foamy  | pcs   | 300           |  |  |  |  |
| 5375 | 097_UA43895975_0006 | Equipment |            |                            |                     | Extinguisher   |      | Powder   | pcs   | 300           |  |  |  |  |
| 5376 | 097_UA43895975_0007 | Equipment |            |                            |                     | Self-rescuer mine insulating   |      | 1- PVM KS or similar                                       | pcs   | 1000          |  |  |  |  |
| 5377 | 097_UA43895975_0008 | Equipment |            |                            |                     | The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator |      |  | pcs   | 60000         |  |  |  |  |
| 5378 | 097_UA43895975_0009 | Equipment |            |                            |                     | First aid kit  |      |  | pcs   | 2000          |  |  |  |  |
| 5379 | 097_UA43895975_0010 | Equipment |            |                            |                     | Diesel fuel  |      |  | l     | 1000          |  |  |  |  |
| 5380 | 097_UA43895975_0011 | Equipment |            |                            |                     | Mine rack, diameter 10-18 mm, L = 4 m                                      |      |  | m3    | 500 per month |  |  |  |  |
| 5381 | 097_UA43895975_0012 | Equipment |            |                            |                     | Electrodes ANO-4   |      | Diameter 5 mm  | tn    | 2             |  |  |  |  |
| 5382 | 097_UA43895975_0013 | Equipment |            |                            |                     | Electrodes ANO-5   |      | Diameter 4 mm  | tn    | 2             |  |  |  |  |
| 5383 | 097_UA43895975_0014 | Equipment |            |                            |                     | IGP38 ink  |      |  | tn    | 1             |  |  |  |  |
| 5384 | 097_UA43895975_0015 | Equipment |            |                            |                     | IGP72 ink  |      |  | tn    | 4             |  |  |  |  |
| 5385 | 097_UA43895975_0016 | Equipment |            |                            |                     | TAD17 ink  |      |  | tn    | 4             |  |  |  |  |
| 5386 | 097_UA43895975_0017 | Equipment |            |                            |                     | Litol ink  |      |  | kg    | 100           |  |  |  |  |
| 5387 | 097_UA43895975_0018 | Equipment |            |                            |                     | Solidol oil  |      |  | kg    | 100           |  |  |  |  |
| 5388 | 097_UA43895975_0019 | Equipment |            |                            |                     | Concentrate for preparation of working liquid for mechanical complexes     |      | Solcemik GM20  | tn    | 6             |  |  |  |  |
| 5389 | 097_UA43895975_0020 | Equipment |            |                            |                     | CNS 180x425 with an electric motor of 400 kW                               |      |  | pcs   | 2             |  |  |  |  |
| 5390 | 097_UA43895975_0021 | Equipment |            |                            |                     | CNS 180x297 with electric motor  |      |  | pcs   | 2             |  |  |  |  |
| 5391 | 097_UA43895975_0022 | Equipment |            |                            |                     | CNS 300x300 with an electric motor of 500 kW                               |      |  | pcs   | 4             |  |  |  |  |
| 5392 | 097_UA43895975_0023 | Equipment |            |                            |                     | CNS 300x360 with an electric motor of 500 kW                               |      |  | pcs   | 2             |  |  |  |  |
| 5393 | 097_UA43895975_0024 | Equipment |            |                            |                     | Pump 1B20  |      |  | pcs   | 2             |  |  |  |  |
| 5394 | 097_UA43895975_0025 | Equipment |            |                            |                     | ShN-80 pump  |      |  | pcs   | 5             |  |  |  |  |
| 5395 | 097_UA43895975_0026 | Equipment |            |                            |                     | Cable  |      | Copper, 4x25mm, vinyl                                      | km    | 2             |  |  |  |  |
| 5396 | 097_UA43895975_0027 | Equipment |            |                            |                     | CABLE WE88BSHV-6 3X70 + 1X10   |      |  | km    | 4             |  |  |  |  |
| 5397 | 097_UA43895975_0028 | Equipment |            |                            |                     | The lamp is mine main accumulator  |      | SVG-S  | pcs   | 1200          |  |  |  |  |
| 5398 | 097_UA43895975_0029 | Equipment |            |                            |                     | The pipeline is 150 mm   |      |  | m.p.  | 2000          |  |  |  |  |

|      |                     |           |            |                            |                     |   |  |  |      |                    |  |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|---|--|--|------|--------------------|--|--|--|--|
| 5399 | 097_UA43895975_0030 | Equipment |            |                            |                     | RVL-100 roller support                                |  |  | from | 3000               |  |  |  |  |
| 5400 | 097_UA43895975_0031 | Equipment |            |                            |                     | Rope Ø 32.5 mm GL-V-Zh-N-R-1770 GOST 3077-80          |  |  | m    | 2300               |  |  |  |  |
| 5401 | 097_UA43895975_0032 | Equipment |            |                            |                     | Rope Ø 31,0mm GL-V-Zh-N-R-1960 GOST 3077-80           |  |  | m    | 1400               |  |  |  |  |
| 5402 | 097_UA43895975_0033 | Equipment |            |                            |                     | Rope Ø25,5mm GL-V-Zh-N-R-1960 GOST 3077-80            |  |  | m    | 3000               |  |  |  |  |
| 5403 | 097_UA43895975_0034 | Equipment |            |                            |                     | RN-3 REPAIR KIT                                       |  |  | pcs  | 50                 |  |  |  |  |
| 5404 | 097_UA43895975_0035 | Equipment |            |                            |                     | RN-7 REPAIR KIT                                       |  |  | pcs  | 100                |  |  |  |  |
| 5405 | 097_UA43895975_0036 | Equipment |            |                            |                     | VME-2-10 fan  |  |  | pcs  | 4                  |  |  |  |  |
| 5406 | 097_UA43895975_0037 | Equipment |            |                            |                     | Cement M-500  |  |  | t    | 20                 |  |  |  |  |
| 5407 | 097_UA43895975_0038 | Equipment |            |                            |                     | Plaster   |  |  | t    | 50                 |  |  |  |  |
| 5408 | 097_UA43895975_0039 | Equipment |            |                            |                     | MEGOMETER CS 0202/2-G                                 |  |  | pcs  | 6                  |  |  |  |  |
| 5409 | 097_UA43895975_0040 | Equipment |            |                            |                     | Pipeline  |  | ø219mm   | m    | 2000               |  |  |  |  |
| 5410 | 097_UA43895975_0041 | Equipment |            |                            |                     | Latch ø10 "   |  | 60-50 atm  | pcs  | 4                  |  |  |  |  |
| 5411 | 097_UA43895975_0042 | Equipment |            |                            |                     | Latch ø8 "  |  | 60-50 atm  | pcs  | 6                  |  |  |  |  |
| 5412 | 097_UA43895975_0043 | Equipment |            |                            |                     | Latch ø6 "  |  | 30 atm   | pcs  | 6                  |  |  |  |  |
| 5413 | 097_UA43895975_0044 | Equipment |            |                            |                     | Bearings  | 3612                                   |  | pcs  | 10                 |  |  |  |  |
| 5414 | 097_UA43895975_0045 | Equipment |            |                            |                     | Bearings  | 3618                                   |  | pcs  | 12                 |  |  |  |  |
| 5415 | 097_UA43895975_0046 | Equipment |            |                            |                     | Bearings  | 317                                    |  | pcs  | 10                 |  |  |  |  |
| 5416 | 097_UA43895975_0047 | Equipment |            |                            |                     | Bearings  | 2317                                   |  | pcs  | 10                 |  |  |  |  |
| 5417 | 097_UA43895975_0048 | Equipment |            |                            |                     | Bearings  | 318                                    |  | pcs  | 10                 |  |  |  |  |
| 5418 | 097_UA43895975_0049 | Equipment |            |                            |                     | Bearings  | 2318                                   |  | pcs  | 10                 |  |  |  |  |
| 5419 | 097_UA43895975_0050 | Equipment |            |                            |                     | Bearings  | 322                                    |  | pcs  | 6                  |  |  |  |  |
| 5420 | 097_UA43895975_0051 | Equipment |            |                            |                     | Bearings  | 2322                                   |  | pcs  | 6                  |  |  |  |  |
| 5421 | 097_UA43895975_0052 | Equipment |            |                            |                     | Bearings  | 324                                    |  | pcs  | 6                  |  |  |  |  |
| 5422 | 097_UA43895975_0053 | Equipment |            |                            |                     | Bearings  | 2324                                   |  | pcs  | 6                  |  |  |  |  |
| 5423 | 097_UA43895975_0054 | Equipment |            |                            |                     | Electric motor VAO2-560-6 S4 500 kW, 1500 rpm.        |  | voltage - 6kV; power - 500 kW; speed of rotation - 1500 rpm; dimensions - 560 mm.  | pcs  | 2                  |  |  |  |  |
| 5424 | 097_UA43895975_0055 | Equipment |            |                            |                     | Electric motor VAO2-315-6 L4 315 kW, 1500 rpm.        |  | voltage - 6kV; power - 500 kW; speed of rotation - 1500 rpm; dimensions - 315 mm.  | pcs  | 1                  |  |  |  |  |
| 5425 | 097_UA43895975_0056 | Equipment |            |                            |                     | The VAO2-250 M4 electric motor of 250 kW, 1500 rpm.   |  | voltage - 660V; power - 250 kW; speed of rotation - 1500 rpm; dimensions - 315 mm. | pcs  | 2                  |  |  |  |  |
| 5426 | 097_UA43895975_0057 | Equipment |            |                            |                     | Cable VEVbShv-6 3x35 + 1x10                           |  |  | m    | 1500               |  |  |  |  |
| 5427 | 097_UA43895975_0058 | Equipment |            |                            |                     | Cable KGEshv 3x50 + 3x4 + 1x10                        |  |  | m    | 600                |  |  |  |  |
| 5428 | 097_UA43895975_0059 | Equipment |            |                            |                     | KGEshv cable 3x10 + 3x2,5 + 1x6                       |  |  | m    | 300                |  |  |  |  |
| 5429 | 097_UA43895975_0060 | Equipment |            |                            |                     | Cummins Pover C700D5 diesel power plant               |  | alternating current, 50Hz, 220/380 V 91 and 3 phases); The main mode is 512 kW.    | pcs  | 2                  |  |  |  |  |
| 5430 | 097_UA43895975_0061 | Equipment |            |                            |                     | KDV-10-20 / 1000UHL2 arc extinguishing chamber        |  | voltage - 6kV  | pcs  | 9                  |  |  |  |  |
| 5431 | 097_UA43895975_0062 | Equipment |            |                            |                     | Pump unit CNS-180/255 with el. 250/1500 kW engine     |  | QM3 / hour- 180 Head (H) -255m   | pcs  | 1                  |  |  |  |  |
| 5432 | 097_UA43895975_0063 | Equipment |            |                            |                     | Pump unit CNS-180/127 with el. 110/1500 kW engine     |  | QM3 / hour- 180 Head (H) -127m   | pcs  | 2                  |  |  |  |  |
| 5433 | 097_UA43895975_0064 | Equipment |            |                            |                     | Pump unit CNS-180/340 with el. 315/1500 kW engine     |  | QM3 / hour- 180 Head (H) -340m   | pcs  | 1                  |  |  |  |  |
| 5434 | 097_UA43895975_0065 | Equipment |            |                            |                     | Pump unit CNS-180/127 with el. 110/1500 kW engine     |  | QM3 / hour- 180 Head (H) -127m   | pcs  | 1                  |  |  |  |  |
| 5435 | 097_UA43895975_0066 | Equipment |            |                            |                     | Pump unit CNS-180/255 with el. 250/1500 kW engine     |  | QM3 / hour- 180 Head (H) -255m   | pcs  | 1                  |  |  |  |  |
| 5436 | 097_UA43895975_0067 | Equipment |            |                            |                     | CNS-300/360 pump                                      |  | QM3 / hour- 300 Head (H) -360m   | pcs  | 1                  |  |  |  |  |
| 5437 | 097_UA43895975_0068 | Equipment |            |                            |                     | Pump unit CNS-300/360 with el. 500/1500 kW engine     |  | QM3 / hour- 300 Head (H) -360m   | pcs  | 1                  |  |  |  |  |
| 5438 | 097_UA43895975_0069 | Equipment |            |                            |                     | CNS-850/360 pump                                      |  | QM3 / hour- 850 Head (H) -360m   | pcs  | 1                  |  |  |  |  |
| 5439 | 097_UA43895975_0070 | Equipment |            |                            |                     | Latch for high pressure pipeline                      | LATCH 31C40HW ДУ150 PV40               |  | pcs  | 4                  |  |  |  |  |
| 5440 | 097_UA43895975_0071 | Equipment |            |                            |                     | Pipe 6 m with quickly removable connection            | PIPELINE PSH 150-159.3-4,5-6000ANT / P |  | pcs  | 100                |  |  |  |  |
| 5441 | 097_UA43895975_0072 | Equipment |            |                            |                     | Latch with quickly removable connection               | LATCH DU152 ADAPTED FOR BS             |  | pcs  | 4                  |  |  |  |  |
| 5442 | 097_UA43895975_0073 | Equipment |            |                            |                     | Latch with quickly removable connection               | LATCH 31C40HW ДУ200 PV40               |  | pcs  | 4                  |  |  |  |  |
| 5443 | 097_UA43895975_0074 | Equipment | Electrical | Civil protection equipment | Backup power plants | Matari MC2005 diesel generator                        |  | three-phase 380 V rated power 200 kW   | pcs  | 3                  |  |  |  |  |
| 5444 | 097_UA43895975_0075 | Equipment |            |                            |                     | Kaaser M50 mobile diesel compressor                   |  | productivity of 5 cubic meters. / min max. pressure 7 atm.                         | pcs  | 2                  |  |  |  |  |
| 5445 | 097_UA43895975_0076 | Equipment |            |                            |                     | Explosion-proof industrial floodlight AN-IWL06-6-400W |  | lamp power -400 W, voltage 220V  | pcs  | 10                 |  |  |  |  |
| 5446 | 097_UA43895975_0077 | Equipment |            |                            |                     | Explosion-proof industrial floodlight AN-IWL06-7-50W  |  | lamp power -50 W, voltage 220V   | pcs  | 6                  |  |  |  |  |
| 5447 | 097_UA43895975_0078 | Equipment |            |                            |                     | Infrared heater Heat P 4000                           |  | power 4000 W, voltage 380 V  | pcs  | 10                 |  |  |  |  |
| 5448 | 097_UA43895975_0079 | Equipment |            |                            |                     | Electric fan heater VENTS AOE 24                      |  | Maximum air consumption 4000 m3 / h, voltage 380 V, power 21-25 kW                 | pcs  | 8                  |  |  |  |  |
| 5449 | 097_UA43895975_0080 | Equipment |            |                            |                     | Titanium heating installation of 60 kW                |  | voltage 380 V, power 60 kW   | pcs  | 10                 |  |  |  |  |
| 5450 | 097_UA43895975_0081 | Equipment |            |                            |                     | ROPE SV 35 (D)  |  | DSTU 3077-80   | m    | 4x 400m (1600m)    |  |  |  |  |
| 5451 | 097_UA43895975_0082 | Equipment |            |                            |                     | ROPE OC 25.5 V (GL)                                   |  | DSTU 3077-80   | m    | 6x 1800m (10800m ) |  |  |  |  |
| 5452 | 097_UA43895975_0083 | Equipment |            |                            |                     | ROPE 16.5   |  | DSTU 2688-80   | m    | 400                |  |  |  |  |

|      |                     |           |            |                            |                     |  |  |  |                  |   |  |  |  |
|------|---------------------|-----------|------------|----------------------------|---------------------|--|--|--|------------------|---|--|--|--|
| 5453 | 097_UA43895975_0084 | Equipment |            |                            |                     | ROPE 36.5 GL-V-QZH-N-R-1770 SIZE120N                           |  | m  | 2x550<br>(1100m) |   |  |  |  |
| 5454 | 097_UA43895975_0085 | Equipment |            |                            |                     | ROPE 41.0 G-V-N-R-1770   |  | m  | 2x400<br>(800m)  |   |  |  |  |
| 5455 | 097_UA43895975_0086 | Equipment |            |                            |                     | ROPE 22,5-GL-V-N-R-1770  |  | m  | 2000             |   |  |  |  |
| 5456 | 097_UA43895975_0087 | Equipment |            |                            |                     | ROPE 10-R-1770   |  | m  | 5000             |   |  |  |  |
| 5457 | 097_UA43895975_0088 | Equipment |            |                            |                     | VVG CABLE 3X2.5  |  | m  | 2000             |   |  |  |  |
| 5458 | 097_UA43895975_0089 | Equipment |            |                            |                     | VIMIK.AVT. BA88-33 3P 32A 35KA IEC                             |  | pcs  | 10               |   |  |  |  |
| 5459 | 097_UA43895975_0090 | Equipment |            |                            |                     | VIMIK.AVT. VA88-32 3P 100A 25KA IEC                            |  | pcs  | 10               |   |  |  |  |
| 5460 | 097_UA43895975_0091 | Equipment |            |                            |                     | VIMIK.AVT. VA88-32 3P 16A 25KA IEC                             |  | pcs  | 10               |   |  |  |  |
| 5461 | 097_UA43895975_0092 | Equipment |            |                            |                     | VIMIK.AVT. BA47-29 2P 25A 4.5KA C IEC                          |  | pcs  | 10               |   |  |  |  |
| 5462 | 097_UA43895975_0093 | Equipment |            |                            |                     | VIMIK.AVT. VA 47-29 3P 40A X-KA C4.5KA                         |  | pcs  | 10               |   |  |  |  |
| 5463 | 097_UA43895975_0094 | Equipment |            |                            |                     | VIMIK.AVT. VA 47-29 2P 32A                                     |  | pcs  | 10               |   |  |  |  |
| 5464 | 097_UA43895975_0095 | Equipment |            |                            |                     | VIMIK.AVT. APS08 ZMT 16A                                       |  | pcs  | 10               |   |  |  |  |
| 5465 | 097_UA43895975_0096 | Equipment |            |                            |                     | VIMIK.AVT. APS0 2MT 40A  |  | pcs  | 10               |   |  |  |  |
| 5466 | 097_UA43895975_0097 | Equipment |            |                            |                     | TWO-DOOR BEAM IPE 270A   |  | t  | 6                |   |  |  |  |
| 5467 | 097_UA43895975_0098 | Equipment |            |                            |                     | Tesla Weld MIG / MAG / MMA 280V semi-automatic welding machine |  | pcs  | 1                |   |  |  |  |
| 5468 | 097_UA43895975_0099 | Equipment |            |                            |                     | SEARCHLIGHT  | LIGHT 100W IP65 1M8000 K6400                               | pcs  | 20               |   |  |  |  |
| 5469 | 097_UA43895975_0100 | Equipment |            |                            |                     | SEARCHLIGHT  | LL-122 LED1X10W  | pcs  | 20               |   |  |  |  |
| 5470 | 097_UA43895975_0101 | Equipment |            |                            |                     | SEARCHLIGHT  | LED LL-725 50W 6400K 230V IP65                             | pcs  | 50               |   |  |  |  |
| 5471 | 097_UA43895975_0102 | Equipment |            |                            |                     | PIPE 50X3.5 ST3  | GOST 3262-75   | t  | 0.5              |   |  |  |  |
| 5472 | 097_UA43895975_0103 | Equipment |            |                            |                     | PIPE 152X6.0 ST20  | GOST 8732-78   | t  | 0.7              |   |  |  |  |
| 5473 | 097_UA43895975_0104 | Equipment |            |                            |                     | CLUTCH COUPLING MZ-13 720.00.02 D200                           |  | pcs  | 1                |   |  |  |  |
| 5474 | 097_UA43895975_0105 | Equipment |            |                            |                     | LOW ANGLE WIRE GENERAL RECOGNITION F3                          |  | kg   | 500              |   |  |  |  |
| 5475 | 097_UA43895975_0106 | Equipment |            |                            |                     | PEMKOMIT. Y6BU-5/7   |  | pcs  | 5                |   |  |  |  |
| 5476 | 097_UA43895975_0107 | Equipment |            |                            |                     | COUPLING CLUTCH MZ-7   |  | pcs  | 2                |   |  |  |  |
| 5477 | 097_UA43895975_0108 | Equipment |            |                            |                     | COUPLING CLUTCH MZP-8  |  | pcs  | 5                |   |  |  |  |
| 5478 | 097_UA43895975_0109 | Equipment |            |                            |                     | COUPLING CLUTCH MZ-9   |  | pcs  | 3                |   |  |  |  |
| 5479 | 097_UA43895975_0110 | Equipment |            |                            |                     | COUPLING CLUTCH MZ-11  |  | pcs  | 3                |   |  |  |  |
| 5480 | 097_UA43895975_0111 | Equipment |            |                            |                     | LAMP WAD-SH-L.NAK.100 U1                                       |  | pcs  | 30               |   |  |  |  |
| 5481 | 097_UA43895975_0112 | Equipment |            |                            |                     | PRESSURE SLEEVE IN F50 RU20                                    |  | m  | 200              |   |  |  |  |
| 5482 | 097_UA43895975_0113 | Equipment |            |                            |                     | ROPE 20.0 GL-V-J-L-O-N-160                                     | GOST 7668-8  | m  | 550              |   |  |  |  |
| 5483 | 097_UA43895975_0114 | Equipment |            |                            |                     | LAMP 220V 65W E27  |  | pcs  | 100              |   |  |  |  |
| 5484 | 097_UA43895975_0115 | Equipment |            |                            |                     | LAMP 127V 100W E27 (LON 100)                                   |  | pcs  | 100              |   |  |  |  |
| 5485 | 097_UA43895975_0116 | Equipment |            |                            |                     | STARTER PVIT-125MV-3 (125/63 / 32A)                            |  | pcs  | 3                |   |  |  |  |
| 5486 | 097_UA43895975_0117 | Equipment |            |                            |                     | STARTER PVIT-63M   |  | pcs  | 2                |   |  |  |  |
| 5487 | 097_UA43895975_0118 | Equipment |            |                            |                     | Winch LPER-6,3 / 1500U   |  | pcs  | 1                |   |  |  |  |
| 5488 | 097_UA43895975_0119 | Equipment |            |                            |                     | PIPE P / E 110 PE80 SDR13,6-110X8,1 1MPa                       |  | m  | 3000             |   |  |  |  |
| 5489 | 097_UA43895975_0120 | Equipment |            |                            |                     | TITANIUM TURBO HEAT FAN 12 kW                                  |  | pcs  | 5                |   |  |  |  |
| 5490 | 097_UA43895975_0121 | Equipment |            |                            |                     | INJECTION SYRINGE ELORA (0385000000000)                        |  | pcs  | 2                |   |  |  |  |
| 5491 | 097_UA43895975_0122 | Equipment |            |                            |                     | JNK MINING   |  | l  | 200              |   |  |  |  |
| 5492 | 097_UA43895975_0123 | Equipment |            |                            |                     | OIL UNIVERSE WD-40 AEROSOL 400ML                               |  | pcs  | 10               |   |  |  |  |
| 5493 | 097_UA43895975_0124 | Equipment |            |                            |                     | SOLID OIL  |  | kg   | 100              |   |  |  |  |
| 5494 | 097_UA43895975_0125 | Equipment |            |                            |                     | LITOL INK 4.5KG  |  | pcs  | 50               |   |  |  |  |
| 5495 | 097_UA43895975_0126 | Equipment |            |                            |                     | Diesel fuel  |  | l  | 3000             |   |  |  |  |
| 5496 | 097_UA43895975_0127 | Equipment |            |                            |                     | Rechargeable battery AM-80 P+S-630                             |  | pcs  | 2                |   |  |  |  |
| 5497 | 097_UA43895975_0128 | Equipment |            |                            |                     | Beam fastening 3,5 (from processing of item 4.0)               |  | m3   | 30               |   |  |  |  |
| 5498 | 097_UA43895975_0129 | Equipment |            |                            |                     | Timber round Ø15-19 cm L-4,0                                   |  | m3   | 30               |   |  |  |  |
| 5499 | 097_UA43895975_0130 | Equipment |            |                            |                     | Motorola GM360 radio   |  | set  | 1                |   |  |  |  |
| 5500 | 097_UA43895975_0131 | Equipment | Electrical | Civil protection equipment | Backup power plants | Matari MC2005 diesel generator                                 | three-phase 380 V rated power 200 kW                       | pcs  | 1                |   |  |  |  |
| 5501 | 097_UA43895975_0132 | Equipment |            |                            |                     | Kaesar M50 mobile diesel compressor                            | productivity of 5 cubic meters. / min max. pressure 7 atm. | pcs  | 1                |   |  |  |  |
| 5502 | 097_UA43895975_0133 | Equipment |            |                            |                     | Compressor UKVSh-5/7   | productivity of 5 cubic meters. / min max. pressure 7 bar. | pcs  | 1                |   |  |  |  |
| 5503 | 097_UA43895975_0134 | Equipment |            |                            |                     | Compressor UKVSh-15/7  | productivity of 15 m. cube. / min max. pressure 7 bar.     | pcs  | 1                |   |  |  |  |
| 5504 | 097_UA43895975_0135 | Equipment |            |                            |                     | cabie VBBSHV 3x95  | AC voltage 6 kV permissible current load 255 A             | km   | 1,5              |   |  |  |  |
| 5505 | 097_UA43895975_0136 | Equipment |            |                            |                     | WAO-2-560  | power 800 kW Speed 1500 rpm                                | pcs  | 1                |   |  |  |  |
| 5506 | 097_UA43895975_0137 | Equipment |            |                            |                     | BAO-2-560S4  | power 500 kW Speed 1500 rpm                                | pcs  | 1                |   |  |  |  |
| 5507 | 097_UA43895975_0138 | Equipment |            |                            |                     | BAO-2-315M4  | power 250 kW Speed 1500 rpm                                | pcs  | 1                |   |  |  |  |
| 5508 | 097_UA43895975_0139 | Equipment |            |                            |                     | BAO-2-280M4  | power 250 kW Speed 1500 rpm                                | pcs  | 1                |   |  |  |  |
| 5509 | 097_UA43895975_0140 | Equipment |            |                            |                     | CNS 410/273  | Pressure. 273m   | pcs  | 2                |   |  |  |  |
| 5510 | 097_UA43895975_0141 | Equipment |            |                            |                     | CNS 300/420  | Pressure. 420m   | pcs  | 1                |   |  |  |  |
| 5511 | 097_UA43895975_0142 | Equipment |            |                            |                     | pipe 219 Ø   |  | m  | 300              |   |  |  |  |
| 5512 | 097_UA43895975_0143 | Equipment |            |                            |                     | rope GOST-7668-80 GI-V-S-N-R-1770                              | diameter 31  | km   | 1,5              |   |  |  |  |
| 5513 | 097_UA43895975_0144 | Equipment |            |                            |                     | rope GOST-7668-80 GI-V-S-N-R-1770                              | diameter 25.5  | km   | 3                |   |  |  |  |
| 5514 | 097_UA43895975_0145 | Equipment |            |                            |                     | rope GOST-7668-80 GI-V-S-N-R-1770                              | diameter 30.5  | km   | 0,5              |   |  |  |  |
| 5515 | 097_UA43895975_0146 | Equipment | Electrical | Civil protection equipment | Backup power plants | Diesel generator ДГУ DALGAKIRAN DJ275BD                        | Diesel generator ДГУ DALGAKIRAN DJ275BD                    | Power, kVa / kW-250/200; number of phases-3, voltage -400V | pcs              | 9 |  |  |  |
| 5516 | 097_UA43895975_0147 | Equipment |            | Civil protection equipment | Backup power plants | Diesel generator ДГУ DALGAKIRAN DJ275BD                        | SBVSh-1-3 * 95 power cable                                 | m.p.   | 500              |   |  |  |  |
| 5517 | 097_UA43895975_0148 | Equipment |            | Civil protection equipment | Backup power plants | Diesel generator ДГУ DALGAKIRAN DJ275BD                        | Diesel fuel  | tone   | 60               |   |  |  |  |
| 5518 | 097_UA43895975_0149 | Equipment |            | Civil protection equipment | Backup power plants | Diesel generator ДГУ DALGAKIRAN DJ275BD                        | Motor oil 10 40 W  | kg   | 800              |   |  |  |  |
| 5519 | 097_UA43895975_0150 | Equipment | Electrical | Civil protection equipment | Backup power plants | Matari MC2005 diesel generator                                 | three-phase 380 V rated power 200 kW                       | pcs  | 1                |   |  |  |  |
| 5520 | 097_UA43895975_0151 | Equipment |            |                            |                     | Diesel fuel  |  | tone   | 52               |   |  |  |  |
| 5521 | 097_UA43895975_0152 | Equipment |            |                            |                     | A92 petrol   |  | tone   | 46               |   |  |  |  |
| 5522 | 097_UA43895975_0153 | Equipment |            |                            |                     | Bus  | 45 seats   | pcs  | 1                |   |  |  |  |

|      |                     |                  |            |                            |                     |  |      |  |     |      |  |  |  |  |
|------|---------------------|------------------|------------|----------------------------|---------------------|--|------|--|-----|------|--|--|--|--|
| 5523 | 097_UA43895975_0154 | Equipment        |            |                            |                     | Bus  |      | 35 seats   | pcs | 1    |  |  |  |  |
| 5524 | 097_UA43895975_0155 | Equipment        |            |                            |                     | Forklift   |      | 1.5m3  | pcs | 1    |  |  |  |  |
| 5525 | 097_UA43895975_0156 | Equipment        |            |                            |                     | Forklift   |      | 3m3  | pcs | 1    |  |  |  |  |
| 5526 | 097_UA43895975_0157 | Equipment        |            |                            |                     | Dump truck   |      | 20 tons  | pcs | 2    |  |  |  |  |
| 5527 | 097_UA43895975_0158 | Equipment        |            |                            |                     | Bulldozer  |      |  | pcs | 1    |  |  |  |  |
| 5528 | 097_UA43895975_0159 | Equipment        |            |                            |                     | Minibus  |      | 18 seats   | pcs | 1    |  |  |  |  |
| 5529 | 096_UA33839013_0001 | Equipment        | Electrical | Civil protection equipment | Backup power plants | Diesel generator Matari MC2005   |      | three-phase 380 V rated power 200 kW                       | pcs | 2    |  |  |  |  |
| 5530 | 096_UA33839013_0002 | Equipment        |            |                            |                     | Kaesar M50 mobile diesel compressor  |      | productivity of 5 cubic meters. /min. max. pressure 7 atm. | pcs | 2    |  |  |  |  |
| 5531 | 093_UA32087941_0001 | Equipment        |            |                            |                     | Repair of the brake system of the MK-4x4 hoisting system of the rock lift of the main shaft of approx. 4 VP Capital Mine |      |  | pcs | 1    |  |  |  |  |
| 5532 | 093_UA32087941_0002 | Equipment        |            |                            |                     | Repair of the electric drive of the complex terristic converter of a direct current                                      |      |  | pcs | 1    |  |  |  |  |
| 5533 | 093_UA32087941_0003 | Equipment        |            |                            |                     | Overhaul of the BAO2-560 electric motor  |      | power 800 kW, 1500 rpm                                     | pcs | 2    |  |  |  |  |
| 5534 | 093_UA32087941_0004 | Equipment        |            |                            |                     | Overhaul of the BAO2-560 electric motor  |      | power 500 kW, 1500 rpm                                     | pcs | 1    |  |  |  |  |
| 5535 | 043_UA03338649_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 1.14 |  |  |  |  |
| 5536 | 043_UA03338649_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 1.14 |  |  |  |  |
| 5537 | 043_UA03338649_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 2.28 |  |  |  |  |
| 5538 | 044_UA03339459_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.63 |  |  |  |  |
| 5539 | 044_UA03339459_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.63 |  |  |  |  |
| 5540 | 044_UA03339459_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.25 |  |  |  |  |
| 5541 | 076_UA05524660_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.13 |  |  |  |  |
| 5542 | 076_UA05524660_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.13 |  |  |  |  |
| 5543 | 076_UA05524660_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.25 |  |  |  |  |
| 5544 | 045_UA20262860_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.98 |  |  |  |  |
| 5545 | 045_UA20262860_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.98 |  |  |  |  |
| 5546 | 045_UA20262860_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.96 |  |  |  |  |
| 5547 | 046_UA03340920_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 1.52 |  |  |  |  |
| 5548 | 046_UA03340920_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 1.52 |  |  |  |  |
| 5549 | 046_UA03340920_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 3.03 |  |  |  |  |
| 5550 | 082_UA03361075_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 1.75 |  |  |  |  |
| 5551 | 082_UA03361075_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 1.75 |  |  |  |  |
| 5552 | 082_UA03361075_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 3.5  |  |  |  |  |
| 5553 | 047_UA03344071_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.91 |  |  |  |  |
| 5554 | 047_UA03344071_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.91 |  |  |  |  |
| 5555 | 047_UA03344071_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.82 |  |  |  |  |
| 5556 | 048_UA05448610_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.69 |  |  |  |  |
| 5557 | 048_UA05448610_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.69 |  |  |  |  |
| 5558 | 048_UA05448610_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.38 |  |  |  |  |
| 5559 | 049_UA03345716_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 1.2  |  |  |  |  |
| 5560 | 049_UA03345716_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 1.2  |  |  |  |  |
| 5561 | 049_UA03345716_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 2.41 |  |  |  |  |
| 5562 | 050_UA03361046_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 1.03 |  |  |  |  |
| 5563 | 050_UA03361046_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 1.03 |  |  |  |  |
| 5564 | 050_UA03361046_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 2.07 |  |  |  |  |
| 5565 | 051_UA03346331_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 2.25 |  |  |  |  |
| 5566 | 051_UA03346331_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 2.25 |  |  |  |  |
| 5567 | 051_UA03346331_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 4.5  |  |  |  |  |
| 5568 | 052_UA20578072_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 2.25 |  |  |  |  |
| 5569 | 052_UA20578072_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 2.25 |  |  |  |  |
| 5570 | 052_UA20578072_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 4.49 |  |  |  |  |
| 5571 | 071_UA03365222_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.63 |  |  |  |  |
| 5572 | 071_UA03365222_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.63 |  |  |  |  |
| 5573 | 071_UA03365222_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.26 |  |  |  |  |
| 5574 | 083_UA20413052_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.25 |  |  |  |  |
| 5575 | 083_UA20413052_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.25 |  |  |  |  |
| 5576 | 083_UA20413052_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.5  |  |  |  |  |
| 5577 | 077_UA03351734_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.25 |  |  |  |  |
| 5578 | 077_UA03351734_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.25 |  |  |  |  |
| 5579 | 077_UA03351734_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.5  |  |  |  |  |
| 5580 | 053_UA03341397_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.72 |  |  |  |  |
| 5581 | 053_UA03341397_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.72 |  |  |  |  |
| 5582 | 053_UA03341397_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.44 |  |  |  |  |
| 5583 | 054_UA05524713_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.25 |  |  |  |  |
| 5584 | 054_UA05524713_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.25 |  |  |  |  |
| 5585 | 054_UA05524713_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.5  |  |  |  |  |
| 5586 | 055_UA05451150_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 2    |  |  |  |  |
| 5587 | 055_UA05451150_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 2    |  |  |  |  |
| 5588 | 055_UA05451150_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 4    |  |  |  |  |
| 5589 | 056_UA03349039_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 2.15 |  |  |  |  |
| 5590 | 056_UA03349039_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 2.15 |  |  |  |  |
| 5591 | 056_UA03349039_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 4.3  |  |  |  |  |
| 5592 | 075_UA03361135_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.25 |  |  |  |  |
| 5593 | 075_UA03361135_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.25 |  |  |  |  |
| 5594 | 075_UA03361135_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.5  |  |  |  |  |
| 5595 | 078_UA0535349_0045  | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.25 |  |  |  |  |
| 5596 | 078_UA0535349_0046  | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.25 |  |  |  |  |
| 5597 | 078_UA0535349_0047  | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 0.5  |  |  |  |  |
| 5598 | 057_UA05410263_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 0.87 |  |  |  |  |
| 5599 | 057_UA05410263_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 0.87 |  |  |  |  |
| 5600 | 057_UA05410263_0047 | Energy resources | liquid     |                            | Diesel fuel         |  | DT   |  | t   | 1.75 |  |  |  |  |
| 5601 | 058_UA03351208_0045 | Energy resources | liquid     |                            | petrol              |  | A-95 |  | t   | 2    |  |  |  |  |
| 5602 | 058_UA03351208_0046 | Energy resources | liquid     |                            | petrol              |  | A-92 |  | t   | 2    |  |  |  |  |

|      |     |            |      |                  |        |             |  |             |  |   |      |  |  |  |  |
|------|-----|------------|------|------------------|--------|-------------|--|-------------|--|---|------|--|--|--|--|
| 5603 | 058 | UA03351208 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 4    |  |  |  |  |
| 5604 | 059 | UA03351912 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 1.13 |  |  |  |  |
| 5605 | 059 | UA03351912 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 1.13 |  |  |  |  |
| 5606 | 059 | UA03351912 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 2.25 |  |  |  |  |
| 5607 | 060 | UA03366701 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.66 |  |  |  |  |
| 5608 | 060 | UA03366701 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.66 |  |  |  |  |
| 5609 | 060 | UA03366701 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.33 |  |  |  |  |
| 5610 | 061 | UA03352432 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.97 |  |  |  |  |
| 5611 | 061 | UA03352432 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.97 |  |  |  |  |
| 5612 | 061 | UA03352432 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.93 |  |  |  |  |
| 5613 | 084 | UA03353503 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.75 |  |  |  |  |
| 5614 | 084 | UA03353503 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.75 |  |  |  |  |
| 5615 | 084 | UA03353503 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.5  |  |  |  |  |
| 5616 | 080 | UA21155959 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.25 |  |  |  |  |
| 5617 | 080 | UA21155959 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.25 |  |  |  |  |
| 5618 | 080 | UA21155959 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.5  |  |  |  |  |
| 5619 | 062 | UA20538865 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.05 |  |  |  |  |
| 5620 | 062 | UA20538865 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.05 |  |  |  |  |
| 5621 | 062 | UA20538865 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.09 |  |  |  |  |
| 5622 | 081 | UA03361419 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.25 |  |  |  |  |
| 5623 | 081 | UA03361419 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.25 |  |  |  |  |
| 5624 | 081 | UA03361419 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.5  |  |  |  |  |
| 5625 | 064 | UA03359500 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 1.12 |  |  |  |  |
| 5626 | 064 | UA03359500 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 1.12 |  |  |  |  |
| 5627 | 064 | UA03359500 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 2.24 |  |  |  |  |
| 5628 | 065 | UA03359552 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 1.28 |  |  |  |  |
| 5629 | 065 | UA03359552 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 1.28 |  |  |  |  |
| 5630 | 065 | UA03359552 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 2.57 |  |  |  |  |
| 5631 | 066 | UA03355353 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.63 |  |  |  |  |
| 5632 | 066 | UA03355353 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.63 |  |  |  |  |
| 5633 | 066 | UA03355353 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.25 |  |  |  |  |
| 5634 | 067 | UA05395598 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 1.04 |  |  |  |  |
| 5635 | 067 | UA05395598 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 1.04 |  |  |  |  |
| 5636 | 067 | UA05395598 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 2.07 |  |  |  |  |
| 5637 | 068 | UA03361402 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 1    |  |  |  |  |
| 5638 | 068 | UA03361402 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 1    |  |  |  |  |
| 5639 | 068 | UA03361402 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 2    |  |  |  |  |
| 5640 | 069 | UA03336166 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.59 |  |  |  |  |
| 5641 | 069 | UA03336166 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.59 |  |  |  |  |
| 5642 | 069 | UA03336166 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.17 |  |  |  |  |
| 5643 | 070 | UA03358104 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.89 |  |  |  |  |
| 5644 | 070 | UA03358104 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.89 |  |  |  |  |
| 5645 | 070 | UA03358104 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 1.79 |  |  |  |  |
| 5646 | 085 | UA03361394 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.25 |  |  |  |  |
| 5647 | 085 | UA03361394 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.25 |  |  |  |  |
| 5648 | 085 | UA03361394 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.5  |  |  |  |  |
| 5649 | 079 | UA32940082 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.13 |  |  |  |  |
| 5650 | 079 | UA32940082 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.13 |  |  |  |  |
| 5651 | 079 | UA32940082 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.25 |  |  |  |  |
| 5652 | 073 | UA39460902 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.13 |  |  |  |  |
| 5653 | 073 | UA39460902 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.13 |  |  |  |  |
| 5654 | 073 | UA39460902 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.25 |  |  |  |  |
| 5655 | 086 | UA32736800 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.13 |  |  |  |  |
| 5656 | 086 | UA32736800 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.13 |  |  |  |  |
| 5657 | 086 | UA32736800 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.25 |  |  |  |  |
| 5658 | 087 | UA36995601 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.13 |  |  |  |  |
| 5659 | 087 | UA36995601 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.13 |  |  |  |  |
| 5660 | 087 | UA36995601 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.25 |  |  |  |  |
| 5661 | 089 | UA39258250 | 0045 | Energy resources | liquid | petrol      |  | petrol      | A-95   | t | 0.13 |  |  |  |  |
| 5662 | 089 | UA39258250 | 0046 | Energy resources | liquid | petrol      |  | petrol      | A-92   | t | 0.13 |  |  |  |  |
| 5663 | 089 | UA39258250 | 0047 | Energy resources | liquid | Diesel fuel |  | Diesel fuel | DT   | t | 0.25 |  |  |  |  |
| 5664 | 091 | UA34032208 | 0137 | Energy resources | liquid | petrol      |  | Fuel        | A92 petrol                                       | t | 3    |  |  |  |  |
| 5665 | 091 | UA34032208 | 0138 | Energy resources | liquid | Diesel fuel |  | Fuel        | Diesel   | t | 3    |  |  |  |  |
| 5666 | 091 | UA34032208 | 0139 | Energy resources | liquid | Oil         |  | Lubricants  | TAP-15 ink                                       | t | 2    |  |  |  |  |
| 5667 | 091 | UA34032208 | 0140 | Energy resources | liquid | Oil         |  | Lubricants  | I-40 ink   | t | 2    |  |  |  |  |
| 5668 | 091 | UA34032208 | 0141 | Energy resources | liquid | Oil         |  | Lubricants  | Compressor oil KS-19                             | t | 0.6  |  |  |  |  |
| 5669 | 091 | UA34032208 | 0142 | Energy resources | liquid | Oil         |  | Lubricants  | Turbine oil TP-22                                | t | 0.6  |  |  |  |  |
| 5670 | 091 | UA34032208 | 0143 | Energy resources | liquid | Oil         |  | Lubricants  | Lubricant electrotechnical T-1500                | t | 0.6  |  |  |  |  |
| 5671 | 091 | UA34032208 | 0144 | Energy resources | liquid | Oil         |  | Lubricants  | Lubricant automobile MG-10G2K                    | t | 0.2  |  |  |  |  |
| 5672 | 091 | UA34032208 | 0145 | Energy resources | liquid | Oil         |  | Lubricants  | Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" | t | 2    |  |  |  |  |
| 5673 | 096 | UA33839013 | 0003 | Energy resources | liquid | Oil         |  | Fuel        | A92 petrol                                       | t | 5    |  |  |  |  |
| 5674 | 096 | UA33839013 | 0004 | Energy resources | liquid | Oil         |  | Fuel        | DP   | t | 4    |  |  |  |  |
| 5675 | 096 | UA33839013 | 0005 | Energy resources | liquid | Oil         |  | Lubricants  | Olive I-40                                       | t | 2    |  |  |  |  |
| 5676 | 096 | UA33839013 | 0006 | Energy resources | liquid | Oil         |  | Lubricants  | Olive TP-30                                      | t | 4    |  |  |  |  |
| 5677 | 096 | UA33839013 | 0007 | Energy resources | liquid | Oil         |  | Lubricants  | Olive M10G2K                                     | t | 0.5  |  |  |  |  |
| 5678 | 096 | UA33839013 | 0008 | Energy resources | liquid | Oil         |  | Lubricants  | Olive Compreol                                   | t | 1    |  |  |  |  |
| 5679 | 096 | UA33839013 | 0009 | Energy resources | liquid | Kerosene    |  | Kerosene    |  | t | 0.5  |  |  |  |  |
| 5680 | 096 | UA33839013 | 0010 | Energy resources | liquid | Oil         |  | Oil         | Litol-24 oil                                     | t | 0.4  |  |  |  |  |
| 5681 | 096 | UA33839013 | 0011 | Energy resources | liquid | Softener    |  | Softener    | Pyrotech reagent                                 | t | 2    |  |  |  |  |

|      |                     |                    |              |                                    |  |  |  |     |    |  |  |  |  |  |
|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|----|--|--|--|--|--|
| 5682 | 043_UA03338649_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 91 |  |  |  |  |  |
| 5683 | 043_UA03338649_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 91 |  |  |  |  |  |
| 5684 | 044_UA03339459_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 50 |  |  |  |  |  |
| 5685 | 044_UA03339459_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 50 |  |  |  |  |  |
| 5686 | 076_UA05524660_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 10 |  |  |  |  |  |
| 5687 | 076_UA05524660_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 10 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|-----|--|--|--|--|--|
| 5688 | 045_UA20262860_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 78  |  |  |  |  |  |
| 5689 | 045_UA20262860_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 78  |  |  |  |  |  |
| 5690 | 046_UA03340920_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 121 |  |  |  |  |  |
| 5691 | 046_UA03340920_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 121 |  |  |  |  |  |
| 5692 | 082_UA03361075_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 140 |  |  |  |  |  |
| 5693 | 082_UA03361075_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 140 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|----|--|--|--|--|--|
| 5694 | 047_UA03344071_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 73 |  |  |  |  |  |
| 5695 | 047_UA03344071_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 73 |  |  |  |  |  |
| 5696 | 048_UA05448610_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 55 |  |  |  |  |  |
| 5697 | 048_UA05448610_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 55 |  |  |  |  |  |
| 5698 | 049_UA03345716_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 96 |  |  |  |  |  |
| 5699 | 049_UA03345716_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 96 |  |  |  |  |  |



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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|-----|--|--|--|--|--|--|
| 5700 | 050_UA03361046_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 83  |  |  |  |  |  |  |
| 5701 | 050_UA03361046_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 83  |  |  |  |  |  |  |
| 5702 | 051_UA03346331_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 180 |  |  |  |  |  |  |
| 5703 | 051_UA03346331_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 180 |  |  |  |  |  |  |
| 5704 | 052_UA20578072_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 180 |  |  |  |  |  |  |
| 5705 | 052_UA20578072_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 180 |  |  |  |  |  |  |

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| 5706 | 071_UA03365222_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 50 |  |  |  |  |  |
| 5707 | 071_UA03365222_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 50 |  |  |  |  |  |
| 5708 | 083_UA20413052_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20 |  |  |  |  |  |
| 5709 | 083_UA20413052_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20 |  |  |  |  |  |
| 5710 | 077_UA03351734_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20 |  |  |  |  |  |
| 5711 | 077_UA03351734_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20 |  |  |  |  |  |

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| 5712 | 053_UA03341397_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 57  |  |  |  |  |  |
| 5713 | 053_UA03341397_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 57  |  |  |  |  |  |
| 5714 | 054_UA05524713_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20  |  |  |  |  |  |
| 5715 | 054_UA05524713_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20  |  |  |  |  |  |
| 5716 | 055_UA05451150_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 160 |  |  |  |  |  |
| 5717 | 055_UA05451150_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 160 |  |  |  |  |  |

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| 5718 | 056_UA03349039_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 172 |  |  |  |  |  |
| 5719 | 056_UA03349039_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 172 |  |  |  |  |  |
| 5720 | 075_UA03361135_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 50  |  |  |  |  |  |
| 5721 | 075_UA03361135_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 50  |  |  |  |  |  |
| 5722 | 078_UA05535349_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 50  |  |  |  |  |  |
| 5723 | 078_UA05535349_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 50  |  |  |  |  |  |

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| 5724 | 057_UA05410263_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 70  |  |  |  |  |  |
| 5725 | 057_UA05410263_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 70  |  |  |  |  |  |
| 5726 | 058_UA03351208_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 160 |  |  |  |  |  |
| 5727 | 058_UA03351208_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 160 |  |  |  |  |  |
| 5728 | 059_UA03351912_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 90  |  |  |  |  |  |
| 5729 | 059_UA03351912_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 90  |  |  |  |  |  |

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| 5730 | 060_UA03366701_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 53 |  |  |  |  |  |
| 5731 | 060_UA03366701_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 53 |  |  |  |  |  |
| 5732 | 061_UA03352432_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 77 |  |  |  |  |  |
| 5733 | 061_UA03352432_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 77 |  |  |  |  |  |
| 5734 | 084_UA03353503_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 60 |  |  |  |  |  |
| 5735 | 084_UA03353503_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 60 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|----|--|--|--|--|--|
| 5736 | 080_UA21155959_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20 |  |  |  |  |  |
| 5737 | 080_UA21155959_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20 |  |  |  |  |  |
| 5738 | 062_UA20538865_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 4  |  |  |  |  |  |
| 5739 | 062_UA20538865_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 4  |  |  |  |  |  |
| 5740 | 081_UA03361419_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20 |  |  |  |  |  |
| 5741 | 081_UA03361419_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20 |  |  |  |  |  |

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| 5742 | 064_UA03359500_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 90  |  |  |  |  |  |
| 5743 | 064_UA03359500_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 90  |  |  |  |  |  |
| 5744 | 065_UA03359552_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 103 |  |  |  |  |  |
| 5745 | 065_UA03359552_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 103 |  |  |  |  |  |
| 5746 | 066_UA03355353_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 50  |  |  |  |  |  |
| 5747 | 066_UA03355353_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 50  |  |  |  |  |  |



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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|--|-----|----|--|--|--|--|--|
| 5748 | 067_UA05395598_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 83 |  |  |  |  |  |
| 5749 | 067_UA05395598_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 83 |  |  |  |  |  |
| 5750 | 068_UA03361402_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 80 |  |  |  |  |  |
| 5751 | 068_UA03361402_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 80 |  |  |  |  |  |
| 5752 | 069_UA03336166_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 47 |  |  |  |  |  |
| 5753 | 069_UA03336166_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 47 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|-----|----|--|--|--|--|--|
| 5754 | 070_UA03358104_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 72 |  |  |  |  |  |
| 5755 | 070_UA03358104_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 72 |  |  |  |  |  |
| 5756 | 085_UA03361394_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 20 |  |  |  |  |  |
| 5757 | 085_UA03361394_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 20 |  |  |  |  |  |
| 5758 | 079_UA32940082_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  | set | 10 |  |  |  |  |  |
| 5759 | 079_UA32940082_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  | pcs | 10 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|--|--|--|--|-----|----|--|--|--|--|--|
| 5760 | 073_UA39460902_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 10 |  |  |  |  |  |
| 5761 | 073_UA39460902_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 10 |  |  |  |  |  |
| 5762 | 086_UA32736800_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 10 |  |  |  |  |  |
| 5763 | 086_UA32736800_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 10 |  |  |  |  |  |
| 5764 | 087_UA36995601_0048 | Humanitarian needs | Medical care | First aid kits                     |  | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or № 10 - 2 pcs Andipal - in tab. №10 or papazol tablets № 10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg № 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or № 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g № 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or № 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g № 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs |  |  | set | 10 |  |  |  |  |  |
| 5765 | 087_UA36995601_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers |  | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.   |  |  | pcs | 10 |  |  |  |  |  |

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|------|---------------------|--------------------|--------------|------------------------------------|---|-----------|-----|--|--|--|--|--|
| 5766 | 089_UA39258250_0048 | Humanitarian needs | Medical care | First aid kits                     | Ammonia solution for external use 10% 40 ml in vials - 1 pcs Analgin table. 0.5 g №6 or №10 - 2 pcs Andipal - in tab. №10 or papazol tablets №10 or raunatin tablets 2 mg №10 or dibazole table. 20mg №10 - 2 pcs Acetylsalicylic acid tab. 500 mg №10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g №6 or №10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g №10 - 2 pcs Valerian extract table. 0.02 g №50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table №20 - 1 pcs Loperamide table. 2mg №10 or №20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g №10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or norfloxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets №6 or №10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack - 1 pcs | set       | 10  |  |  |  |  |  |
| 5767 | 089_UA39258250_0049 | Humanitarian needs | Medical care | Medical tarpaulin frame stretchers | Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.  | pcs       | 10  |  |  |  |  |  |
| 5768 | 091_UA34032208_0146 | Humanitarian needs | Household    | washing of special clothes         | Detergent   | kg        | 100 |  |  |  |  |  |
| 5769 | 091_UA34032208_0147 | Humanitarian needs | Household    | bleaching                          | Chlorinated lime  | kg        | 50  |  |  |  |  |  |
| 5770 | 091_UA34032208_0148 | Humanitarian needs | Household    | Disinfection                       | Blanidas 300  | pcs       | 12  |  |  |  |  |  |
| 5771 | 091_UA34032208_0149 | Humanitarian needs | Household    | Hygiene                            | Laundry soap  | pcs       | 50  |  |  |  |  |  |
| 5772 | 091_UA34032208_0150 | Humanitarian needs | Household    | Hygiene                            | Cute toilet   | pcs       | 100 |  |  |  |  |  |
| 5773 | 091_UA34032208_0151 | Humanitarian needs | Household    | Hygiene                            | Liquid soap   | l         | 15  |  |  |  |  |  |
| 5774 | 091_UA34032208_0152 | Humanitarian needs | Household    | Hygiene                            | Toilet paper  | pcs       | 100 |  |  |  |  |  |
| 5775 | 091_UA34032208_0153 | Humanitarian needs | Household    | napping                            | Santri Milam  | pcs       | 30  |  |  |  |  |  |
| 5776 | 091_UA34032208_0154 | Humanitarian needs | Household    | napping                            | Whiteness   | pcs       | 15  |  |  |  |  |  |
| 5777 | 091_UA34032208_0155 | Humanitarian needs | Household    | napping                            | Cleaner   | pcs       | 10  |  |  |  |  |  |
| 5778 | 091_UA34032208_0156 | Humanitarian needs | Household    | Hygiene                            | Shampoo   | pcs       | 5   |  |  |  |  |  |
| 5779 | 091_UA34032208_0157 | Humanitarian needs | Household    | Hygiene                            | Sanitary pads   | pcs       | 50  |  |  |  |  |  |
| 5780 | 091_UA34032208_0158 | Humanitarian needs | Household    | napping                            | Window cleaners   | l         | 3   |  |  |  |  |  |
| 5781 | 091_UA34032208_0159 | Humanitarian needs | Medical care | Medicines                          | Lidocaine solution 20 mg / ml №10   | packaging | 2   |  |  |  |  |  |
| 5782 | 091_UA34032208_0160 | Humanitarian needs | Medical care | Medicines                          | Mr. Dexamlin 50mg / 2 2ml №5  | packaging | 2   |  |  |  |  |  |
| 5783 | 091_UA34032208_0161 | Humanitarian needs | Medical care | Medicines                          | Sodium chloride solution 0.9% 200ml   | packaging | 5   |  |  |  |  |  |
| 5784 | 091_UA34032208_0162 | Humanitarian needs | Medical care | Medicines                          | Reosorbilakt district 200ml   | packaging | 5   |  |  |  |  |  |
| 5785 | 091_UA34032208_0163 | Humanitarian needs | Medical care | Medicines                          | Dicinon 250 mg / 2 ml №10   | packaging | 1   |  |  |  |  |  |
| 5786 | 091_UA34032208_0164 | Humanitarian needs | Medical care | Medicines                          | Suprastin solution for injection 20mg№5   | packaging | 1   |  |  |  |  |  |
| 5787 | 091_UA34032208_0165 | Humanitarian needs | Medical care | Medicines                          | Pancreatin tab. 8000 №50  | packaging | 1   |  |  |  |  |  |
| 5788 | 091_UA34032208_0166 | Humanitarian needs | Medical care | Medicines                          | Syringes 20ml   | packaging | 40  |  |  |  |  |  |
| 5789 | 091_UA34032208_0167 | Humanitarian needs | Medical care | Medicines                          | Syringes 2ml  | packaging | 30  |  |  |  |  |  |
| 5790 | 091_UA34032208_0168 | Humanitarian needs | Medical care | Medicines                          | Validol №10   | packaging | 3   |  |  |  |  |  |
| 5791 | 091_UA34032208_0169 | Humanitarian needs | Medical care | Medicines                          | Tonometer (for blood pressure measurement) mechanical   | packaging | 1   |  |  |  |  |  |
| 5792 | 091_UA34032208_0170 | Humanitarian needs | Medical care | Medicines                          | Mouthpiece for breathalyzer ap.Drager 6510 №1   | packaging | 50  |  |  |  |  |  |
| 5793 | 091_UA34032208_0171 | Humanitarian needs | Medical care | Medicines                          | Mr. Adrenaline 0.18% 1ml №10  | packaging | 1   |  |  |  |  |  |
| 5794 | 091_UA34032208_0172 | Humanitarian needs | Medical care | Medicines                          | Metoprolol 25 mg №10 pills  | packaging | 2   |  |  |  |  |  |
| 5795 | 091_UA34032208_0173 | Humanitarian needs | Medical care | Medicines                          | Streptocide pill 500mg №10  | packaging | 3   |  |  |  |  |  |
| 5796 | 091_UA34032208_0174 | Humanitarian needs | Medical care | Medicines                          | Metoclopramide 10 mg / 2 ml №10   | packaging | 1   |  |  |  |  |  |
| 5797 | 091_UA34032208_0175 | Humanitarian needs | Medical care | Medicines                          | Activated carbon 250 mg   | packaging | 5   |  |  |  |  |  |
| 5798 | 091_UA34032208_0176 | Humanitarian needs | Medical care | Medicines                          | Acetylsalicylic acid 500 mg №10   | packaging | 5   |  |  |  |  |  |
| 5799 | 091_UA34032208_0177 | Humanitarian needs | Medical care | Medicines                          | Diphenhydramine solution 10 mg / ml 1.0 №10   | packaging | 3   |  |  |  |  |  |
| 5800 | 091_UA34032208_0178 | Humanitarian needs | Medical care | Medicines                          | Anttussin pills №10   | packaging | 2   |  |  |  |  |  |
| 5801 | 091_UA34032208_0179 | Humanitarian needs | Medical care | Medicines                          | Ascorbic acid for in100 mg / ml amp.2 ml №10  | packaging | 3   |  |  |  |  |  |
| 5802 | 091_UA34032208_0180 | Humanitarian needs | Medical care | Medicines                          | Glucose Darnitsa 400 mg / ml amp 20ml №10   | packaging | 4   |  |  |  |  |  |

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|------|---------------------|--------------------|-------------------|----------------------------|---------------------|--|-------|------|--|------|-------|--|--|--|
| 5803 | 091_UA34032208_0181 | Humanitarian needs | Medical care      | Medicines                  |                     | Deactin powder 1 kg  |       |      | packaging  | 20   |       |  |  |  |
| 5804 | 091_UA34032208_0182 | Humanitarian needs | Medical care      | Medicines                  |                     | Napkins medical gauze sterile №1   |       |      | packaging  | 1    |       |  |  |  |
| 5805 | 091_UA34032208_0183 | Humanitarian needs | Medical care      | Medicines                  |                     | Furagin table. 50mg №30  |       |      | packaging  | 2    |       |  |  |  |
| 5806 | 091_UA34032208_0184 | Humanitarian needs | Medical care      | Medicines                  |                     | Decasan district 200ml   |       |      | packaging  | 2    |       |  |  |  |
| 5807 | 096_UA33839013_0012 | Humanitarian needs | Food              | grocery kits               |                     | Contents of the set: flour - 2 kg, cereals - 2 kg, sunflower oil - 2 liters, cookies, canned meat or fish, salt, sugar, tea. |       |      | set  | 2500 |       |  |  |  |
| 5652 | 093_UA32087941_0005 | Equipment          | Electrical        | Civil protection equipment | Backup power plants | Diesel generator Matari MC200S   |       |      | three-phase 380 V, rated power 200 kW  | pcs  | 1     |  |  |  |
| 5653 | 093_UA32087941_0006 | Equipment          | Electrical        | Civil protection equipment | Backup power plants | Diesel generator Matari MC15S  |       |      | three-phase 380 V, rated power 15 kW   | pcs  | 3     |  |  |  |
| 5654 | 093_UA32087941_0007 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | Pump CNSSH 300x650   |       |      | volume of liquid per hour - 300 m3, lifting height 650 m   | pcs  | 1     |  |  |  |
| 5655 | 093_UA32087941_0008 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | Repair kit for the CNSSH pump 300x650  |       |      |  | set  | 1     |  |  |  |
| 5656 | 093_UA32087941_0009 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | CNS pump 300x600   |       |      | volume of liquid per hour - 300 m3, lifting height 600 m   | pcs  | 4     |  |  |  |
| 5657 | 093_UA32087941_0010 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | Repair kit for the CNS pump 300x600  |       |      |  | set  | 4     |  |  |  |
| 5658 | 093_UA32087941_0011 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | CNS pump 180x255   |       |      | volume of liquid per hour - 180 m3, lifting height 255 m   | pcs  | 4     |  |  |  |
| 5659 | 093_UA32087941_0012 | Equipment          | Pumping equipment | Machinery                  | Devices and tools   | Repair kit for the CNS pump 180x255  |       |      |  | set  | 4     |  |  |  |
| 5660 | 093_UA32087941_0013 | Equipment          |                   |                            |                     | Pipeline   |       |      | DU150 mm, RU 6,4 MPa, L = 4-6m, flange connection complete with fastening to beams and fastening flange with consolidating element   | m    | 750   |  |  |  |
| 5661 | 093_UA32087941_0014 | Equipment          | Materials         | Supplies                   |                     | Cement-mineral mix for Techhard type shotcreting   |       |      | The ratio of water / powder (at t environment 20° C - 140-160 / 1000 kg, Start of setting -30—40 min; End of setting - 90 min ; Strength grade - M400, Compressive strength after 24 h - 10 MPa , Compressive strength after 28 days - 40 MPa, Water resistance after 28 days - W6 | t    | 360   |  |  |  |
| 5662 | 093_UA32087941_0015 | Equipment          | Materials         | Supplies                   |                     | Round coniferous forest  |       |      | Ø 14-24 cm, length 2-4 m   | m3   | 1200  |  |  |  |
| 5663 | 093_UA32087941_0016 | Equipment          |                   |                            |                     | repairs  |       |      | Repair of the brake system of the MK-4x4 hoisting system of the rock lift of the main shaft of approx. 4 yP Capital Mine   | pcs  | 1     |  |  |  |
| 5664 | 093_UA32087941_0017 | Equipment          |                   |                            |                     | repairs  |       |      | Repair of the electric drive of the complex terristic converter of a direct current  | pcs  | 1     |  |  |  |
| 5665 | 093_UA32087941_0018 | Equipment          |                   |                            |                     | repairs  |       |      | Overhaul of the BAO2-560 electric motor  | pcs  | 2     |  |  |  |
| 5666 | 093_UA32087941_0019 | Equipment          |                   |                            |                     | repairs  |       |      | Overhaul of the BAO2-560 electric motor  | pcs  | 1     |  |  |  |
| 5667 | 093_UA32087941_0020 | Energy resources   | liquid            | Fuels and lubricants       | Diesel fuel         | Diesel fuel  | -     |      | -  | l    | 30000 |  |  |  |
| 5668 | 093_UA32087941_0021 | Energy resources   | liquid            | Fuels and lubricants       | petrol              | A92 petrol   |       | Fuel | A92 petrol   | l    | 45000 |  |  |  |
| 5669 | 093_UA32087941_0022 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Transmission oil TAD-17i   | l    | 3000  |  |  |  |
| 5670 | 093_UA32087941_0023 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Industrial oil IGP-72  | l    | 2000  |  |  |  |
| 5671 | 093_UA32087941_0024 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Industrial oil IGP-38  | l    | 6000  |  |  |  |
| 5672 | 093_UA32087941_0025 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Industrial oil I-40A   | l    | 6000  |  |  |  |
| 5673 | 093_UA32087941_0026 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Transformer oil T-1500   | l    | 2000  |  |  |  |
| 5674 | 093_UA32087941_0027 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Compressor oil KS-19   | l    | 5000  |  |  |  |
| 5675 | 093_UA32087941_0028 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Olive |      | Motor oil M10G2k   | l    | 2000  |  |  |  |
| 5676 | 093_UA32087941_0029 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Oil   |      | Transmission oil Shakhtol-U  | l    | 3000  |  |  |  |
| 5677 | 093_UA32087941_0030 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Oil   |      | Litol oil -24  | l    | 1000  |  |  |  |
| 5678 | 093_UA32087941_0031 | Energy resources   | liquid            | Fuels and lubricants       |                     |  | Oil   |      | Solidol Fat grease   | l    | 1000  |  |  |  |
| 5679 | 106_UA32323256_0001 | Equipment          | Electrical        | Civil protection equipment | Backup power plants | Diesel generator Fogo FDG 300 SS or similar  |       |      | three-phase 380 V rated power 240 kW   | pcs  | 3     |  |  |  |
| 5680 | 106_UA32323256_0002 | Equipment          |                   | Machinery                  |                     | Mobile diesel compressor Kaeser M 50 or similar  |       |      | productivity of 5 cubic meters. / min maximum pressure 7 atm.  | pcs  | 4     |  |  |  |
| 5681 | 106_UA32323256_0003 | Equipment          |                   |                            |                     | repairs  |       |      | Overhaul of RKU-10 combine   | pcs  | 1     |  |  |  |
| 5682 | 106_UA32323256_0004 | Equipment          |                   |                            |                     | repairs  |       |      | Overhaul of racks 2KD-90 with replacement of the block of rack 1KD-80.13.07.060  | pcs  | 160   |  |  |  |
| 5683 | 106_UA32323256_0005 | Equipment          |                   |                            |                     | repairs  |       |      | Overhaul of DM racks with replacement of the rack unit 1KD-80.13.07.060-03   | pcs  | 200   |  |  |  |
| 5684 | 106_UA32323256_0006 | Equipment          |                   | Machinery                  |                     | CIS-200 oil station  |       |      |  | pcs  | 1     |  |  |  |
| 5685 | 106_UA32323256_0007 | Equipment          |                   | Machinery                  |                     | Scraper conveyor SP-26U L = 200m, or similar   |       |      |  | pcs  | 1     |  |  |  |
| 5686 | 106_UA32323256_0008 | Equipment          |                   | Machinery                  |                     | Scraper conveyor SP-250 L = 120m, or similar   |       |      |  | pcs  | 1     |  |  |  |
| 5687 | 106_UA32323256_0009 | Equipment          |                   | Machinery                  |                     | Belt conveyor 1L-800 (ZhS) L = 400m with a tape, AUK-1M block, or similar  |       |      |  | pcs  | 1     |  |  |  |
| 5688 | 106_UA32323256_0010 | Equipment          |                   | Machinery                  |                     | Belt conveyor 1L-800 (ZhS) L = 210m with a tape, AUK-1M block, or similar  |       |      |  | pcs  | 1     |  |  |  |
| 5689 | 106_UA32323256_0011 | Equipment          |                   | Machinery                  |                     | Belt conveyor 1L-1000 (ZhS) L = 500m with a tape, AUK-1M block, or similar   |       |      |  | pcs  | 1     |  |  |  |
| 5690 | 106_UA32323256_0012 | Equipment          |                   | Machinery                  |                     | Battery 112KLM-400-5U, or similar  |       |      |  | pcs  | 4     |  |  |  |
| 5691 | 106_UA32323256_0013 | Equipment          |                   | Machinery                  |                     | Compressor UKVSh5 / 7 with a set of sleeves for 100m and jackhammers 4pcs  |       |      |  | pcs  | 2     |  |  |  |

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| 5692 | 106_UA32323256_0014 | Equipment          |                      | Machinery                  |                               | Winch LV-25 complete with rope d18                                  |               |   | pcs  | 3     |  |  |  |  |
| 5693 | 106_UA32323256_0015 | Equipment          |                      | Machinery                  |                               | Automatic ABB-400/250 HOUSE, or similar                             |               |   | pcs  | 2     |  |  |  |  |
| 5694 | 106_UA32323256_0016 | Equipment          |                      | Machinery                  |                               | Starter PVIT-63MP, or similar                                       |               |   | pcs  | 4     |  |  |  |  |
| 5695 | 106_UA32323256_0017 | Equipment          |                      | Machinery                  |                               | Starter PVIT-125MB, or similar                                      |               |   | pcs  | 5     |  |  |  |  |
| 5696 | 106_UA32323256_0018 | Equipment          |                      | Machinery                  |                               | Starter PVIT-250MB, or similar                                      |               |   | pcs  | 4     |  |  |  |  |
| 5697 | 106_UA32323256_0019 | Equipment          |                      | Machinery                  |                               | Starter PVIT-320MV, or similar                                      |               |   | pcs  | 4     |  |  |  |  |
| 5698 | 106_UA32323256_0020 | Equipment          |                      | Machinery                  |                               | Apparatus ASHT-P-4, or similar                                      |               |   | pcs  | 2     |  |  |  |  |
| 5699 | 106_UA32323256_0021 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KGEShv-3x50 + 1x10 + 3x4, or similar                          |               |   | m    | 100   |  |  |  |  |
| 5700 | 106_UA32323256_0022 | Equipment          | Electrical           | Supplies                   | cable                         | Cable VEVBbShv 6 3x50 + 1x10, or similar                            |               |   | m    | 900   |  |  |  |  |
| 5701 | 106_UA32323256_0023 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KGEShv-3x35 + 1x10 + 3x4, or similar                          |               |   | m    | 150   |  |  |  |  |
| 5702 | 106_UA32323256_0024 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KGEShv-3x70 + 1x10 + 3x4, or similar                          |               |   | m    | 500   |  |  |  |  |
| 5703 | 106_UA32323256_0025 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KGEShv-3x16 + 1x10 + 3x4, or similar                          |               |   | m    | 250   |  |  |  |  |
| 5704 | 106_UA32323256_0026 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KGVSH-8x1.5-1, or similar                                     |               |   | m    | 300   |  |  |  |  |
| 5705 | 106_UA32323256_0027 | Equipment          | Electrical           | Supplies                   | cable                         | Cable KTEPEShv 20x2x0.7, or similar                                 |               |   | m    | 2000  |  |  |  |  |
| 5706 | 106_UA32323256_0028 | Equipment          | Electrical           | Supplies                   | cable                         | KSSH cable 1x4x0.6, or similar                                      |               |   | m    | 400   |  |  |  |  |
| 5707 | 106_UA32323256_0029 | Equipment          | Electrical           |                            |                               | VMTSG-7M gas suction unit (with 650 m d600 mm pipeline), or similar |               |   | pcs  | 1     |  |  |  |  |
| 5708 | 106_UA32323256_0030 | Equipment          | Pumping equipment    | Machinery                  | Devices and tools             | Pump SHN-50, or similar   |               |   | pcs  | 4     |  |  |  |  |
| 5709 | 106_UA32323256_0031 | Equipment          | Pumping equipment    | Machinery                  | Devices and tools             | Pump SHN-270, or similar  |               |   | pcs  | 2     |  |  |  |  |
| 5710 | 106_UA32323256_0032 | Equipment          | Pumping equipment    | Machinery                  | Devices and tools             | Pump 1B-20, or similar  |               |   | pcs  | 2     |  |  |  |  |
| 5711 | 106_UA32323256_0033 | Equipment          |                      |                            |                               | Fire pipeline d100mm  |               |   | m    | 2500  |  |  |  |  |
| 5712 | 106_UA32323256_0034 | Equipment          |                      |                            |                               | Fire pipeline d150mm  |               |   | m    | 900   |  |  |  |  |
| 5713 | 106_UA32323256_0035 | Equipment          |                      |                            |                               | Electric locomotive AM8D, or similar                                |               |   | pcs  | 1     |  |  |  |  |
| 5714 | 106_UA32323256_0036 | Equipment          |                      |                            |                               | repairs   |               | Overhaul of sections 2M-87                  | pcs  | 20    |  |  |  |  |
| 5715 | 106_UA32323256_0037 | Energy resources   | liquid               | Fuels and lubricants       |                               | Lubricants (I-40, IGP-72, TAD-17, Nigrol, I)                        |               |   | t    | 20    |  |  |  |  |
| 5716 | 106_UA32323256_0038 | Equipment          |                      |                            |                               | SVP-22 profile  |               |   | t    | 140   |  |  |  |  |
| 5717 | 106_UA32323256_0039 | Energy resources   | liquid               | Fuels and lubricants       | Diesel fuel                   | Diesel fuel   |               |   | l    | 75000 |  |  |  |  |
| 5718 | 106_UA32323256_0040 | Energy resources   | liquid               | Fuels and lubricants       | petrol                        | A92 petrol  | Fuel          | A92 petrol                                  | l    | 20000 |  |  |  |  |
| 5719 | 106_UA32323256_0041 | Energy resources   | liquid               | Fuels and lubricants       |                               | Liquefied gas   | 0             | Liquefied gas                               | l    | 1000  |  |  |  |  |
| 5720 | 106_UA32323256_0042 | Equipment          | Mechanical equipment | Supplies                   |                               | Chain two-link scraper d18x64C-15x2                                 |               |   | m    | 1000  |  |  |  |  |
| 5721 | 106_UA32323256_0043 | Equipment          | Mechanical equipment | Supplies                   |                               | RVL 100 roller support 127x530-2                                    |               |   | pcs  | 500   |  |  |  |  |
| 5722 | 106_UA32323256_0044 | Equipment          | Mechanical equipment | Supplies                   |                               | RVL 100 roller support 127x355-3                                    |               |   | pcs  | 1000  |  |  |  |  |
| 5723 | 106_UA32323256_0045 | Equipment          | Mechanical equipment | Supplies                   |                               | Bearings in stock   |               |   | pcs  | 10000 |  |  |  |  |
| 5724 | 106_UA32323256_0046 | Equipment          | Mechanical equipment | Supplies                   |                               | Steel ropes in assortment   |               |   | m.p. | 30000 |  |  |  |  |
| 5725 | 111_UA30019775_0017 | Equipment          | Electrical           | Civil protection equipment | Backup power plants           | Generators  |               | 5-20 kW                                     | pcs  | 50    |  |  |  |  |
| 5726 | 111_UA30019775_0018 | Humanitarian needs | Medical care         | First aid kits             |                               | First aid kits  | First aid kit |   | pcs  | 200   |  |  |  |  |
| 5727 | 111_UA30019775_0019 | Equipment          | Electrical           |                            |                               | Satellite communication set   |               |   | pcs  | 10    |  |  |  |  |
| 5728 | 111_UA30019775_0020 | Equipment          | Electrical           |                            |                               | Satellite Internet Kits (StarLink)                                  |               |   | pcs  | 35    |  |  |  |  |
| 5729 | 111_UA30019775_0021 | Equipment          | Electrical           | Civil protection equipment |                               | Walkie-talkies  |               | 10-20 km                                    | pcs  | 200   |  |  |  |  |
| 5730 | 111_UA30019775_0022 | Equipment          | Electrical           | Civil protection equipment |                               | Explosion-proof lanterns  |               |   | pcs  | 200   |  |  |  |  |
| 5731 | 111_UA30019775_0023 | Humanitarian needs | Medical care         |                            |                               | Gel batteries   |               | 12V, 150A                                   | pcs  | 100   |  |  |  |  |
| 5732 | 111_UA30019775_0024 | Humanitarian needs | Protection           | Civil protection equipment |                               | Body armor  |               | Body armor (lightweight type)               | pcs  | 950   |  |  |  |  |
| 5733 | 111_UA30019775_0025 | Humanitarian needs | Protection           | Civil protection equipment | Personal protection equipment | Kevlar helmet   |               | Armored helmet                              | pcs  | 950   |  |  |  |  |
| 5734 | 111_UA30019775_0026 | Humanitarian needs | Protection           | Civil protection equipment | Personal protection equipment | Gas masks   |               | Insulating gas mask                         | pcs  | 150   |  |  |  |  |
| 5735 | 111_UA30019775_0027 | Humanitarian needs | Protection           | Civil protection equipment | Personal protection equipment | Gas masks   |               | Gas mask (mask panoramic + filter combined) | pcs  | 700   |  |  |  |  |
| 5736 | 111_UA30019775_0028 | Humanitarian needs | Food                 | Civil protection equipment |                               | Food (dry soldering)  |               | Fast food kits (dry soldering)              | pcs  | 5000  |  |  |  |  |

ds of enterprises under the management of the Ministry of Energy of Ukraine

| and<br>5 | Inte<br>nded<br>use<br>of | Urg<br>ncy<br>of | Deadline for<br>assistance to | URL link to the description<br>of the equipment, energy   | Goods supplier (name and<br>website link)   | Use of the<br>equipment, energy  | Comments (justification of the<br>need for assistance)   |
|----------|---------------------------|------------------|-------------------------------|---|---|--|--|
| 22       | 23                        | 24               | 25                            | 26  | 27  | 28   | 30   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://polycar.com.ua/news/1486-avm-isuzuukr/">https://polycar.com.ua/news/1486-avm-isuzuukr/</a>   | SPETS-KOM-SERVIS LLC<br>Ukraine, Kyiv, Petropavlivska<br>Borshchahivka village, Velyka<br>Kiltseva Street 4-N. Phone (098)<br>55 111 55 | To ensure the transportation<br>of line crews  | JSC "Khmelnytskoblenergo" is not provided<br>with the necessary number of vehicles for<br>transportation of line crew workers on the<br>objects of the distribution system. Some<br>vehicles were confiscated for the needs of<br>the army due to martial law.   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://powertool.com.ua/proekt-sogazny-panoramnye/1126-panoramnyi-protivogaz-ppm-88-s-filtrom-a2b2e2k2g3d-ammiak.html">https://powertool.com.ua/proekt-sogazny-panoramnye/1126-panoramnyi-protivogaz-ppm-88-s-filtrom-a2b2e2k2g3d-ammiak.html</a> | PowerTool Company Ukraine<br>Kharkiv, Akademika Pavlova<br>St. tel. (066) 715 45 47   | To protect the respiratory<br>organs of employees and<br>personnel of non-military<br>civil defense formations                               | Currently, the needs of JSC<br>"Khmelnytskoblenergo" in gas masks are<br>met only by 50% (with the required<br>amount of 100% for employees plus 5%<br>reserve). Resolution of the Cabinet of<br>Ministers of Ukraine of August 19, 2002<br>№1200 "On approval of the Procedure<br>for providing the population and<br>employees of formations and specialized<br>civil protection services with personal<br>protective equipment.   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://comtrade.ua/com-ic-116/">https://comtrade.ua/com-ic-116/</a>   | LLC "Comtrade" Kiev, st.<br>Metropolitan Sheptytsky, 4, t.<br>044-239-26-56   | To ensure the connection of<br>non-military formations of<br>civil defense during the<br>restoration of power grids                          | Emergency and recovery crews of<br>JSC "Khmelnytskoblenergo" are not<br>provided with portable means of<br>communication. For the organization<br>of interaction and sustainable<br>management during the<br>implementation of tasks for the<br>restoration of electricity supply in the<br>absence of mobile and other<br>communications. Order of the<br>Khmelnytsky Regional State<br>Administration dated 31.05.2018 №<br>488/2018-R "On the formation of civil<br>defense formations" |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atsr/">https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atsr/</a>   | LLC "TECHNO TRADE KS" Kyiv,<br>st. Electrotechnical, 47 t. + 38<br>(044) 290 57 50  | To ensure non-military<br>formations of civil defense<br>during the restoration of<br>power grids  | To ensure emergency power supply of<br>critical infrastructure of the distribution<br>system   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/">https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/</a>   | LLC "TECHNO TRADE KS" Kyiv,<br>st. Electrotechnical, 47 t. + 38<br>(044) 290 57 50  | To ensure non-military<br>formations of civil defense<br>during the restoration of<br>power grids  | To ensure emergency power supply of<br>critical infrastructure of the distribution<br>system   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://pan-sportsmen.com.ua/ua/p1469115410-fonar-karmannyi-svetodiodnyi.html">https://pan-sportsmen.com.ua/ua/p1469115410-fonar-karmannyi-svetodiodnyi.html</a>   | Online store "Pan<br>Sportsman" Dnipro 32 Velyka<br>Dilvska str. M. Pokrovska,<br>Dnipro, Ukraine tel. +380 (67)<br>226-67-99           | To ensure non-military<br>formations of civil defense<br>during the restoration of<br>power grids  | To perform tasks to restore electricity<br>supply in the dark. Order of the<br>Khmelnytsky Regional State<br>Administration dated 31.05.2018 №<br>488/2018-R "On the formation of civil<br>defense formations"   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://fireequipment.prom.ua/ua/p511119004-grupovli-akumulyatorni-lihtar.html">https://fireequipment.prom.ua/ua/p511119004-grupovli-akumulyatorni-lihtar.html</a>   | "FIRE EQUIPMENT" str. Serpova<br>11, Kyiv, Ukraine tel. +380 (96)<br>972-26-22  | To ensure non-military<br>formations of civil defense<br>during the restoration of<br>power grids  | To perform tasks to restore power<br>supply in the dark. Order of the<br>Khmelnytsky Regional State<br>Administration dated 31.05.2018 №<br>488/2018-R "On the formation of civil<br>defense formations"   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-subzapir-jatin-sua_24_1-ru">https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-subzapir-jatin-sua_24_1-ru</a>   | Voyentorg "Haidamak" Kyiv,<br>street Saksaganskogo 45 t.<br>(073) 044-40-87   | To provide food for non-<br>military formations of civil<br>defense during the<br>restoration of power grids                                 | Order of the Khmelnytsky Regional<br>State Administration dated<br>31.05.2018 № 488/2018-R "On the<br>formation of civil defense formations"   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://www.skt.net.ua/UA/%D1%84%D0%B2%D1%83">https://www.skt.net.ua/UA/%D1%84%D0%B2%D1%83</a>   | WEBCOM LLC 03115,<br>Ukraine, Kyiv, Peremohy<br>Avenue, 91 t.<br>+380442236269  | For the equipment of<br>protective structures of the<br>Central Committee with<br>filter ventilation systems                                 | DBN B.2.2-5-97 Protective structures<br>of civil defense. Buildings and<br>structures.   |
|          | Emergency<br>reserve      | Urgent           | 01.05.2022                    | <a href="https://lviv.prom.ua/p1464231305-dizelnyja-elektrostantsiya-90b.html?primelead=My45">https://lviv.prom.ua/p1464231305-dizelnyja-elektrostantsiya-90b.html?primelead=My45</a>   | Energy PlusEner LLC<br>Melnychenko 1a, Kyiv, Ukraine<br>tel. +380 (68) 581-88-11  | To ensure emergency<br>power supply of critical<br>infrastructure of the<br>distribution system (base,<br>DVEM, LOC and power<br>grid areas) | To ensure emergency power supply of<br>critical infrastructure of the distribution<br>system (base, DVEM, LOC and power grid<br>areas)   |

|  |                   |        |            |   |   |   |   |
|--|-------------------|--------|------------|---|---|---|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://avpharma.com.ua/aptechka-taktichna-individualna-apfarma/">https://avpharma.com.ua/aptechka-taktichna-individualna-apfarma/</a>   | AB "PHARMA" Kyiv, street Academician Tupolev, 19, +38 (044) 400-59-23   | To provide first aid to non-military civil defense formations during the restoration of power grids in an emergency or military action  | Currently, non-military civil defense formations are not provided with first aid kits. In the case of combat missions (martial law) it is necessary to provide emergency teams to provide first aid. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations"  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.facebook.com/individual.anti.chemical.package">Individual anti-chemical package IPP-11: sale, price in Kiev. Antidotes from "PHARMEDALIANS T PHARMACIES IN UKRAINE" - 208804043 (aptechki.in.ua)</a>   | LLC "Pharmedalliance" st. Serhiy Yesenina, 1, Kyiv, Ukraine tel. +380 (44) 227-03-25                              | For the prevention of skin-resorptive lesions by liquid-liquid poisonous and chemically hazardous substances through exposed areas of the skin, as well as for degassing these substances on human skin and clothing and tools of non military civil defense formations during the restoration of power grids | Currently, non-military formations of civil defense are not provided with chemical packages. In case of performance of tasks in the conditions of application of drop-liquid poisonous and emergency-chemical dangerous substances it is necessary to provide emergency crews for performance of tasks in chemically polluted territories. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations" (at the rate of 4 packages per person) |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://euroservis.com.ua/ogneyushitel-vytekislotnyy-ov-40-vognegazarnik-vytekislotnyy-vsk-28-000013459.html/">https://euroservis.com.ua/ogneyushitel-vytekislotnyy-ov-40-vognegazarnik-vytekislotnyy-vsk-28-000013459.html/</a>   | "EUROSERVICE" FIRE UNION Kyiv, st. Elena Teligi, 4 t.044 360-96-20  | To fight and prevent fires  | 110/35 kV substations with oil-filled equipment are not equipped with fire extinguishers of this type. Annex 11 Order of the Ministry of Internal Affairs of Ukraine №25 of January 15, 2018 "Rules of operation of fire extinguishers. Standards of affiliation"   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237983823-perchatki-rezinovye-dielektricheskie.html">https://kievguma.com.ua/ua/p1237983823-perchatki-rezinovye-dielektricheskie.html</a>   | LLC Kyivguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127., Brovary tel. +380 (67) 411-43-39 | For individual protection of personnel when performing electrical work  | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html">https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html</a>   | LLC Kyivguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127., Brovary tel. +380 (67) 411-43-39 | For individual protection of personnel when performing electrical work  | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/uk-azateli-napriazheniya-kontaktnogo-tipa-s-kombinirovannoi-indikaciei-jequivoita-6-20k-i-jequivoita-20-35k-bez-vstroennogo-istochnika-jelektropitanija/">http://ekipage.com/product/uk-azateli-napriazheniya-kontaktnogo-tipa-s-kombinirovannoi-indikaciei-jequivoita-6-20k-i-jequivoita-20-35k-bez-vstroennogo-istochnika-jelektropitanija/</a> | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work  | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/uk-azateli-napriazheniya-kontaktnogo-tipa-do-1-kv-jekest/">http://ekipage.com/product/uk-azateli-napriazheniya-kontaktnogo-tipa-do-1-kv-jekest/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work  | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/zameleniya-perenosnye-dlja-vodushnyh-linij-zpl/">http://ekipage.com/product/zameleniya-perenosnye-dlja-vodushnyh-linij-zpl/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work  | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.  |



|  |                   |        |            |   |   |  |   |
|--|-------------------|--------|------------|---|---|--|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/zamleniya-perenosnye-dlja-vozdushnyh-linij-zpl/">http://ekipage.com/product/zamleniya-perenosnye-dlja-vozdushnyh-linij-zpl/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.livo.lviv.ua/product-on-left/instrument-sjp/zazemleniya-perenosne-0-4-lv-dlya-izolovanih-provodiv">http://www.livo.lviv.ua/product-on-left/instrument-sjp/zazemleniya-perenosne-0-4-lv-dlya-izolovanih-provodiv</a> | Lviv Insulation Ltd. 79035 Ukraine, Lviv, st. Pimonenko, 3 t. +38 (032) 270-34-46   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/zamleniya-perenosnye-dlja-vozdushnyh-linij-zpl/">http://ekipage.com/product/zamleniya-perenosnye-dlja-vozdushnyh-linij-zpl/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://1level.com.ua/catalog/povysha-lyamochnye-kombinirovannye-povysha-lyamochnyy-kombinirovanny-plk4.html">https://1level.com.ua/catalog/povysha-lyamochnye-kombinirovannye-povysha-lyamochnyy-kombinirovanny-plk4.html</a> | Plant Vertical 08400, Kiev region, Pereyaslav, st. Heroes of the Dnieper, 48 t. +38 (04567) 3-73-51                           | For individual protection of personnel when performing electrical work | To protect workers from falling from a height during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities. |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://1level.com.ua/catalog/lazy-montyerskie-kosti-gaffy/lm-3u-ship-terdosplavnyy.html">https://1level.com.ua/catalog/lazy-montyerskie-kosti-gaffy/lm-3u-ship-terdosplavnyy.html</a>   | Plant Vertical 08400, Kiev region, Pereyaslav, st. Heroes of the Dnieper, 48 t. +38 (04567) 3-73-51                           | For individual protection of personnel when performing electrical work | To perform work at height for workers during the elimination of technological violations in the networks of the SRF for the period of hostilities. The Ukrainian manufacturer has stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ziminfo.com/stremyanki.html#anchor">https://ziminfo.com/stremyanki.html#anchor</a>   | LLC "Insulation Equipment Plant" 27500 Ukraine, Kirovograd region, Svetlovodsk, st. Komsomolskaya, 40 t. + 38 (066) 396-71-61 | For individual protection of personnel when performing electrical work | For employees to perform work at heights during the elimination of technological violations in the networks of the SRF for the period of hostilities. Currently, the provision of teams is 70%. The Ukrainian manufacturer has stopped its production due to hostilities.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/nabor-otvertok-montero-mn-20630.html">https://epicentrk.ua/ua/shop/nabor-otvertok-montero-mn-20630.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological violations on the SRF equipment during hostilities. The Ukrainian manufacturer has stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/foraprozhektornyy-grilland-zk2129-chernyy.html">https://epicentrk.ua/ua/shop/foraprozhektornyy-grilland-zk2129-chernyy.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | For the elimination of technological violations in the networks of the SRF in the dark for the period of hostilities. Currently, the supply of crews is 50%. The Ukrainian supplier stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/ochishchayushchye-delta-plus-galvani.html">https://epicentrk.ua/ua/shop/ochishchayushchye-delta-plus-galvani.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | Personal protective equipment for use by employees during operational switching and restoration work in SRF networks for the period of hostilities. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian supplier stopped its production due to hostilities.     |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/kaski-delta-plus-quar1ja.html">https://epicentrk.ua/ua/shop/kaski-delta-plus-quar1ja.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | Personal protective equipment for use by workers during work at height, operational switching and restoration work in the SRF networks for the period of hostilities. Currently, the provision of teams is 80%. The Ukrainian manufacturer has stopped its production due to hostilities.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237983828-kovrik-dielektricheskij-500x500.html">https://kievguma.com.ua/ua/p1237983828-kovrik-dielektricheskij-500x500.html</a>   | LLC Kyvguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127, Brovary tel. +380 (67) 411-43-39               | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |

|                   |        |            |   |  |  |  |
|-------------------|--------|------------|---|--|--|--|
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.bucvarna.com.ua/zasobi-individual-nogo-zakhistu-viz/#robocchil-odiag">https://www.bucvarna.com.ua/zasobi-individual-nogo-zakhistu-viz/#robocchil-odiag</a>   | Private individual entrepreneur "Zhybrzhytskyi" 61/1 Prospekt Myru, Khmelnytskyi, Khmelnytska, 29000 t. 0382 712 132 | For individual protection of personnel when performing electrical work | To protect workers during emergency recovery work to clear the routes of air lines of the SRF networks from fallen trees during hostilities and natural disasters. Currently, the need is 50%. The Ukrainian supplier has suspended supplies due to hostilities. |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g-oil-transformers">https://uea.com.ua/product/tm-g-oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (uea.com.ua)   | To meet the own needs of 110/35 / 10kV substations                     | For the reserve of transformers of own needs 110-35 kV substations 35-kV substation 110-kV substation Starokostiantyniv, Gorodok substation 110, Chemerivtsi 110-kV substation, 110 kV Crystal substation, Crystal substation, 110 kV Gorodskaya substation      |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g-oil-transformers">https://uea.com.ua/product/tm-g-oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (uea.com.ua)   | To meet the own needs of 110/35 / 10kV substations                     | For the reserve of transformers of own needs of 110-35 kV substations 110-kV substation "Pivdena" 110-kV substation "ZLMK", 110-kV substation "Derazhnya"  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g-oil-transformers">https://uea.com.ua/product/tm-g-oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (uea.com.ua)   | To meet the own needs of 110/35 / 10kV substations                     | For the reserve of transformers of own needs of 110-35 kV substations 110-kV Substation "Thermoplast", Substation 110-kV "East"  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a> | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side                              | for switching in electric circuits of 10 kV. 110 kV substation Iziaslav, 110 kV substation Zarichchya, 110 kV substation South   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a> | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side                              | for switching in electric circuits of 10 kV. Substation-110 "KhZTP", Substation-110 kV "Vinkivtsi", Substation-110 kV "Netishyn"   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkciya/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a> | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side                              | for switching in electric circuits of 10 kV. 110 kV Substation "Airport", 110 Central Central Substation, 110 kV Substation Krasyliv, 110 Volochysk Substation 110 110 Yarmolyntsi Substation  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g">https://uea.com.ua/product/tm-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120  | To provide 110/35/10 kV substation on the 35 kV side                   | For the reserve of 35 kV substation "Chernelika" from which the water supply system of the city of Khmelnytsky is fed  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g">https://uea.com.ua/product/tm-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120  | To provide 110/35/10 kV substation on the 35 kV side                   | For the reserve of 35 kV substation "Lisovy Hryniivtsi" from which part of the city of Khmelnytsky is fed.   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g">https://uea.com.ua/product/tm-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120  | To provide 110/35/10 kV substation on the 35 kV side                   | For the reserve of 35 kV substation "Klimentovichi" from which TIC.  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side                  | For the reserve of 110 kV substation "Central" from which a number of municipal enterprises of the city of Khmelnytsky, regional hospital will recover.  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side                  | For the reserve of 110 kV substation "South" from which a large part of Kamianets-Podilskyi is fed.  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side                  | For the reserve of 110 kV substation "Dubovo" from which lives a large part of the city of Khmelnytsky.  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side                  | For the reserve of 110 kV substation "Mashzavod" from which the gas pipeline and the defense industry enterprise are fed.  |

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|--|-------------------|--------|------------|---|--|--|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side        | For the reserve P5-110 "IPP" which feeds a large part of the city of Starokostiantyniv.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side        | For the reserve of 110 kV Substation "Bilogorya" from which the village is fed. White Mountains and objects of critical infrastructure.                               |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://eliz.zp.ua/transformators-power/">http://eliz.zp.ua/transformators-power/</a>   | LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9  | To provide 110/35/10 kV substation on the 110 kV side        | For the reserve of 110 kV substation "Airport" from which the airport of Khmelnytsky and Khmelnytsky regional hospital of war veterans is fed.                        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://docplayer.com/76870519-Ltb-145d-1-b-nominalnye-napryazheniya-nominalny-toe-nominalny-toe-otelyucheniya.html">https://docplayer.com/76870519-Ltb-145d-1-b-nominalnye-napryazheniya-nominalny-toe-nominalny-toe-otelyucheniya.html</a>   | Contacts: Hitachi Energy Ukraine LLC Address: 03680, Ukraine, Kyiv, 2/1 Mykola Hrinchenko St. Phone: +380 44 4952211 +380674651909 | To provide 110/35/10 kV substation on the 110 kV side        | For operative replacement of 110 kV circuit breakers at 110 kV substations "Yarmolyntsi", 110 kV substations "Dunaivtsi", 110 kV substations "Volochysk".             |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html">https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html</a>   | LLC "East-Construction" st. Otto Schmidt 35/37 04107 Kyiv  | To provide 110 kV transmission lines                         | To replenish the emergency stock and the ability to quickly eliminate damage in 110 kV networks.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html">https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html</a>   | LLC "East-Construction" st. Otto Schmidt 35/37 04107 Kyiv  | To provide 35 kV transmission lines                          | To replenish the emergency stock and the ability to quickly eliminate damage in 35 kV networks.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html">https://sbk.ltd.ua/uk/metalevi-opori-lep-7-metallicheskie-opory-lep-35-kv-vl-110-kv-ankernye-elektricheskie-opory-vl.html</a>   | LLC "East-Construction" st. Otto Schmidt 35/37 04107 Kyiv  | To provide 35 kV transmission lines                          | To replenish the emergency stock and the ability to quickly eliminate damage in 35 kV networks.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html</a> | PISC "Odessa Cable Plant" Odeskabel "": Mykolaivska road, 144, Odessa  | To provide 110-35 kV transmission lines                      | To replenish the emergency stock and quick recovery in case of damage to the 35-110 kV transmission line  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html</a> | PISC "Odessa Cable Plant" Odeskabel "": Mykolaivska road, 144, Odessa  | To provide 110-35 kV transmission lines                      | To replenish the emergency stock and quick recovery in case of damage to the 35-110 kV transmission line  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html</a> | PISC "Odessa Cable Plant" Odeskabel "": Mykolaivska road, 144, Odessa  | To provide 110-35 kV transmission lines                      | To replenish the emergency stock and quick recovery in case of damage to the 35-110 kV transmission line  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminievyy-as-dlya-vozdushnykh-lep.html</a> | PISC "Odessa Cable Plant" Odeskabel "": Mykolaivska road, 144, Odessa  | To provide 110-35 kV transmission lines                      | To replenish the emergency stock and quick recovery in case of damage to the 35-110 kV transmission line  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.foxrot.com.ua/ru/shop/noutbuki_lenovo_thinkpad-e15-20r001ert.html">https://www.foxrot.com.ua/ru/shop/noutbuki_lenovo_thinkpad-e15-20r001ert.html</a>   | LLC "LENOVO UKRAINE"   | For the operational work of the employee                     | To ensure the operational and mobile work of workers in martial law and emergencies   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.moyo.ua/printer-lazernyy-canon-i-sensys-lbp226dw-c-wi-fi/463985.html">https://www.moyo.ua/printer-lazernyy-canon-i-sensys-lbp226dw-c-wi-fi/463985.html</a>   | Canon Ukraine LLC  | For printing documents                                       | For printing documents  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html">https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html</a>   | ARMY   | To protect personnel when performing work during hostilities | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities |

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|--|-------------------|--------|------------|---|---|--|--|
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://pancer.com.ua/bron/bronezhilet-4-klass-zashity-disi">https://pancer.com.ua/bron/bronezhilet-4-klass-zashity-disi</a>   | Pancer Protection   | To protect personnel when performing work during hostilities   | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://rehamed.in.ua/portativny-avtomaticheskyy-narugnyy-defibrillator-powerheart-aed-g3-pro-uk.html">https://rehamed.in.ua/portativny-avtomaticheskyy-narugnyy-defibrillator-powerheart-aed-g3-pro-uk.html</a>   | LLC Medtekhnika, Kyiv, Naberezhno-Korchuvatska str., 14 (063) 360-22-13         | For individual protection of personnel when performing electrical work                                 | For resuscitation of employees of the Company. Currently, JSC "Khmelnitskoblenergo" is not equipped with any such device.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ortosalon.ua/ua/medicinska-apteчка-pervolpomoshhi-proizvodstvennaya-mobilizaciya-kvKCAIaIoeRBHAEIwATY3nD6J21PLTT74jg75nHw#5iOuzoBRU1k_XuIkWkCop">https://ortosalon.ua/ua/medicinska-apteчка-pervolpomoshhi-proizvodstvennaya-mobilizaciya-kvKCAIaIoeRBHAEIwATY3nD6J21PLTT74jg75nHw#5iOuzoBRU1k_XuIkWkCop</a> | Pharmedalliance st. Serhiy Yesenina, 1, Kyiv, Ukraine +380 (95) 312-45-85       | To provide first aid to staff during the restoration of electrical networks                            | To provide home care to employees in case of possible injuries during the elimination of technological violations in the SRF networks. Currently, the staff of JSC "Khmelnitskoblenergo" is not sufficiently provided with first aid due to lack of medicines from suppliers.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016">https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016</a>   | Online stores "PATRIOT"   | To provide first aid to non-military formations of civil defense during the restoration of power grids | Formation of civil defense (emergency brigades) is not provided with the specified means for the period of hostilities   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | Vacuum switches of input cells of 10 kV of this type for the reserve of PS-110 kV "Pribuzka" from which a large part of the city of Khmelnytsky is fed.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | Vacuum switch SV-10 kV of this type for the reserve of PS-110 kV "Pribuzka" from which a large part of the city of Khmelnytsky is fed.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | Wed-10 kV for the reserve of 110-kV substation "Pribuzka" from which a large part of the city of Khmelnytsky is fed.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | Vacuum switches 10 kV for linear cells 10 kV of this type for the reserve of 110 kV substation "Pribuzka" from which a large part of the city of Khmelnytsky is fed.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | For the reserve of 110 kV substation "Pribuzka" and is designed to measure voltage, electrical energy and relay protection in the power system with a nominal frequency of 50 Hz and voltage between phase and ground.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ru.liyond.com/kyv28a-12gz1">https://ru.liyond.com/kyv28a-12gz1</a>   | Yueqing Liyond Electric Co., Ltd. Tel: + 86-577-62379399 Tel: + 86-577-62379396 | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | For the reserve of 110 kV substation "Pribuzka" and is designed to measure voltage, electricity and relay protection in the power system with a nominal frequency of 50 Hz and voltage between phase and ground, as well as the connection of on-load tap-changers T1 and T2   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.nrec.com/ru/index.php/product/productinfo/56.html">https://www.nrec.com/ru/index.php/product/productinfo/56.html</a>   | NR Electric Co., Ltd.   | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | For the protection reserve of the 110 kV substation "Pribuzka" PCS-9611 is a protection, control and measuring device for the feeder, transformer, and other equipment in deaf-grounded, grounded through resistance, grounded through the coil and unearthed systems. This device can be installed on a vertical surface inside or outside the room, as well as built into the control panel. |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electric.qiyi68.com/offers/158907034.html">https://electric.qiyi68.com/offers/158907034.html</a>   | Guangzhou Qinjiayuan Technology Industry Co., Ltd.                              | To ensure connections on the 110/35/10 kV substation on the 10 kV side                                 | For protection of 10 kV busbars PS-110 "Pribuzka" Arc protection - high-speed protection against short circuit, based on the prevention of flash from electric arc.  |

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|--|-------------------|--------|------------|---|---|--|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.nrec.com/ru/index.php/product/productinfo/63.html">https://www.nrec.com/ru/index.php/product/productinfo/63.html</a>                           | NR Electric Co., Ltd.   | To ensure connections on the 110/35/10 kV substation on the 10 kV side | To be able to provide a reserve AVR-10 Substation 110-kV "Pribuzka" with the functions of Automatic switching of backup power. remote and local control, controls the open circuit of the voltage transformer (HV), control the open circuit of the current transformer (TC), monitoring the status of switches. |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.nrec.com/en/index.php/product/productinfo/210.html">https://www.nrec.com/en/index.php/product/productinfo/210.html</a>                         | NR Electric Co., Ltd.   | To ensure connections on the 110/35/10 kV substation on the 10 kV side | The switch is intended for the organization of a technological network between MP devices of substation that gives the chance to organize the SCADA control system, monitoring of PS   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://acprivod.com.ua/product/svya-panel-rs-485/">https://acprivod.com.ua/product/svya-panel-rs-485/</a>   | LLC "AS DRIVE"  | To ensure connections on the 110/35/10 kV substation on the 10 kV side | Providing information interaction between telemechanics devices at substations with different RS485 and Modbus-RTU information exchange protocols  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.starlink.com/">https://www.starlink.com/</a>   | <a href="https://www.starlink.com/">https://www.starlink.com/</a>   | For the organization of satellite internet                             | Providing reliable access to the Internet in martial law and emergencies   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/as_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/as_50/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/as_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/as_50/</a> )           | Repair of 10 kV electrical networks                                    | For the repair of 5.58 km of damaged sections of the 10 kV OHL   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> | TDV "Khmelnitskyzalibeton", Khmel'nitsky, street Chornovola, 31 ( <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> ) | Repair of 10 kV electrical networks                                    | For repair of 25 km of damaged sections of 10 kV OHL and 0.4 kV OHL  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p14698045-izolyator-shf.html">https://volten.com.ua/ua/p14698045-izolyator-shf.html</a>   | LLC NPP "Volten", 39 Svobody St., Slavyansk, Ukraine  | Repair of 10 kV electrical networks                                    | For the repair of 12 km of damaged sections of the 10 kV overhead line   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_50/</a>       | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_50/</a> )               | Repair of 0.4 kV electrical networks                                   | For the repair of 6.7 km of damaged sections of the 0.4 kV OHL   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_35/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_35/</a>       | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_35/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/a/a_35/</a> )               | Repair of 0.4 kV electrical networks                                   | For the repair of 8.4 km of damaged sections of the 0.4 kV OHL   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> | TDV "Khmelnitskyzalibeton", Khmel'nitsky, street Chornovola, 31 ( <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> ) | Repair of 0.4 kV electrical networks                                   | For the repair of 26.6 km of damaged sections of the 0.4 kV OHL  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 10 kV electrical networks                                    | For repair of 10 kV cable lines  |

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|-------------------|--------|------------|---|---|--------------------------------------|--|
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-10">https://www.zka.com.ua/page/mufta-kvtp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-10">https://www.zka.com.ua/page/mufta-kvtp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-10">https://www.zka.com.ua/page/mufta-kvtp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-pkvtp-6-10">https://www.zka.com.ua/page/mufta-pkvtp-6-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-pkvtp-6-10">https://www.zka.com.ua/page/mufta-pkvtp-6-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-1pkvt-10">https://www.zka.com.ua/page/mufta-1pkvt-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://ukrpromod.com.ua/kabel-provod/alyuminiyevi_kabel_aa_b1">https://ukrpromod.com.ua/kabel-provod/alyuminiyevi_kabel_aa_b1</a>           | Kyiv, Osvoboditeley Ave., 3A, bldg. 3, of. 63   | Repair of 10 kV electrical networks  | For repair of 0.36 km of 10 kV cable lines     |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For repair of 0.36 km of 10 kV cable lines     |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.08 km of 10 kV cable lines |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For the repair of 2.4 km of 10 kV cable lines  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.8 km of 10 kV cable lines  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.2 km of 10 kV cable lines  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/groduction/catalog/neizolirovannie/ac/) | Repair of 10 kV electrical networks  | For repair of 0.24 km of 10 kV cable lines     |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines               |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines               |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines               |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines               |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-1">https://www.zka.com.ua/page/mufta-kntp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines               |

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|--|-------------------|--------|------------|---|---|---------------------------------------|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x120/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x120/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For the repair of 3.6 km of 0.4 kV cable lines      |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x95/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x95/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For the repair of 1.44 km of 0.4 kV cable lines     |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x70/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x70/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For the repair of 1.56 km of 0.4 kV cable lines     |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x50/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x50/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For the repair of 1.56 km of 0.4 kV cable lines     |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x35/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x35/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For repair of 0.6 km of 0.4 kV cable lines          |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x25/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/avvg_4x25/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/) | Repair of 0.4 kV electrical networks  | For repair of 0.36 km of 0.4 kV cable lines         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-1">https://www.zka.com.ua/page/mufta-kntp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines                    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)                | Repair of electric networks 10-0.4 kV | To reserve a 63 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)                | Repair of electric networks 10-0.4 kV | To reserve a 100 kVA transformer during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)                | Repair of electric networks 10-0.4 kV | To reserve a 160 kVA transformer during martial law |

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|--|-------------------|--------|------------|---|---|---------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>                                       | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of electric networks 10-0.4 kV | To reserve a 250 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>                                       | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of electric networks 10-0.4 kV | To reserve a 400 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-g">https://uea.com.ua/product/ks-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of 10 kV electrical networks   | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-g">https://uea.com.ua/product/ks-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of 10 kV electrical networks   | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-g">https://uea.com.ua/product/ks-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of 10 kV electrical networks   | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/pa-neli-raspredelitelnyh-schitov-scho">https://uea.com.ua/product/pa-neli-raspredelitelnyh-schitov-scho</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers) | Repair of 0.4 kV electrical networks  | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://promenergogrup.com.ua/ua/p40274600-izolyator-ipt-250.html">https://promenergogrup.com.ua/ua/p40274600-izolyator-ipt-250.html</a> | LLC "PROMENERGOGROUP", st. 22 Party Congress, 25, Dnipro  | Repair of 10 kV electrical networks   | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://elektro-zavod.com.ua/izolyator-ipt-1250-01">https://elektro-zavod.com.ua/izolyator-ipt-1250-01</a>                               | TD "Elektrozavod" str. Metropolitan Vasyl Lypkivsky, 45   | Repair of 0.4 kV electrical networks  | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://zkz.ua/ru/winding-wire#apb">http://zkz.ua/ru/winding-wire#apb</a>   | "Zaporozhye Cable Plant" y.n. Gladkova 2, Zaporozhye  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |





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|--|-------------------|--------|------------|---|--|--------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531612-rublinik-rpb-100a.html">https://electrolend.com.ua/ua/p124531612-rublinik-rpb-100a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398472-rublinik-rpb-250a.html">https://electrolend.com.ua/ua/p689398472-rublinik-rpb-250a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531668-rublinik-rpb-250a.html">https://electrolend.com.ua/ua/p124531668-rublinik-rpb-250a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398514-rublinik-rpb-400a.html">https://electrolend.com.ua/ua/p689398514-rublinik-rpb-400a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531725-rublinik-rpb-400a.html">https://electrolend.com.ua/ua/p124531725-rublinik-rpb-400a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124530686-rublinik-rpb-630a.html">https://electrolend.com.ua/ua/p124530686-rublinik-rpb-630a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531772-rublinik-rpb-630a.html">https://electrolend.com.ua/ua/p124531772-rublinik-rpb-630a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398638-rublinik-rpb-1000a.html">https://electrolend.com.ua/ua/p689398638-rublinik-rpb-1000a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398729-rublinik-rpb-1600a.html">https://electrolend.com.ua/ua/p689398729-rublinik-rpb-1600a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31 | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://zyabkin.com.ua/viklyuchatel-razedintel-re19-41-31150-00-uhl3-nva-korenevo-2031150032/p202456/">https://zyabkin.com.ua/viklyuchatel-razedintel-re19-41-31150-00-uhl3-nva-korenevo-2031150032/p202456/</a> | "Zyabking" Zaporozhye, Bryanskaya St., 10                    | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |

|  |                   |        |            |   |   |                                       |  |
|--|-------------------|--------|------------|---|---|---------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://zyabkin.com.ua/viklyuchatel-razedinitel-re19-41-31150-00-uh13-nva-korenevo-2031150032/p202456/">https://zyabkin.com.ua/viklyuchatel-razedinitel-re19-41-31150-00-uh13-nva-korenevo-2031150032/p202456/</a> | "zyabking" Zaporozhye, Bryanskaya St., 10   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law           |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/krug/">https://vikant.com.ua/ua/catalog/krug/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/list/">https://vikant.com.ua/ua/catalog/list/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/list/">https://vikant.com.ua/ua/catalog/list/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/uglovaia_stal/">https://vikant.com.ua/ua/catalog/uglovaia_stal/</a>   | LLC "FIRMA VIKANT", Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1   | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/uglovaia_stal/">https://vikant.com.ua/ua/catalog/uglovaia_stal/</a>   | LLC "FIRMA VIKANT", Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1   | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/krug/">https://vikant.com.ua/ua/catalog/krug/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/krug/">https://vikant.com.ua/ua/catalog/krug/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/strip/">https://vikant.com.ua/ua/catalog/strip/</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)  | Repair of electric networks 10-0.4 kV | To reserve a 630 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)  | Repair of electric networks 10-0.4 kV | To reserve a 1000 kVA transformer during martial law   |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles                   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |

|  |                   |        |            |   |   |                             |  |
|--|-------------------|--------|------------|---|---|-----------------------------|--|
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="http://ukravtogaz.com/more/irodniy-gaz-metan.html">http://ukravtogaz.com/more/irodniy-gaz-metan.html</a>   | EKOTRANSGAZ LLC Ukraine, 58032, Chernivtsi region, Chernivtsi city, STREET SOUTH RING, house 37   | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/106462149/p106462149/">https://rozetka.com.ua/ua/106462149/p106462149/</a>   | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/127376477/p127376477/">https://rozetka.com.ua/ua/127376477/p127376477/</a>   | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/ua/p893624583-maslo-motornoe-dizelnoe.html">https://prom.ua/ua/p893624583-maslo-motornoe-dizelnoe.html</a>                           | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles         | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://avega.ua/neizolirovanny-y-golyv-provod/provod-a-35">https://avega.ua/neizolirovanny-y-golyv-provod/provod-a-35</a>                           | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://avega.ua/neizolirovanny-y-golyv-provod/provod-as-50h8">https://avega.ua/neizolirovanny-y-golyv-provod/provod-as-50h8</a>                     | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://avega.ua/neizolirovanny-y-golyv-provod/provod-as-95h16">https://avega.ua/neizolirovanny-y-golyv-provod/provod-as-95h16</a>                   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/provod-sip-4-425">https://vse-e.com/provod-sip-4-425</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/provod-sip-4-435">https://vse-e.com/provod-sip-4-435</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/provod-sip-4-450">https://vse-e.com/provod-sip-4-450</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://tsk.com.ua/ua/p12030253-opora-lep.html">https://tsk.com.ua/ua/p12030253-opora-lep.html</a>   | TDV "Ternopil Plant ZBK" tzzk@ukrpost.ua  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://tsk.com.ua/ua/p12030254-opora-lep-105.html">https://tsk.com.ua/ua/p12030254-opora-lep-105.html</a>   | TDV "Ternopil Plant ZBK" tzzk@ukrpost.ua  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://asenergi.com/catalog/iz-olyatory/hf-20.html">https://asenergi.com/catalog/iz-olyatory/hf-20.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://asenergi.com/catalog/iz-olyatory/shf-20g.html">https://asenergi.com/catalog/iz-olyatory/shf-20g.html</a>                                     | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p704166475-natvazhnoy-zazhim-gukp4.html">https://amperia.com.ua/ua/p704166475-natvazhnoy-zazhim-gukp4.html</a>             | LLC "Energy Territory" 02068, Kyiv, street Revutskoho, building 24/4, apartment 391   | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p702553372-otvetvitelni-zazhim-ttd.html">https://amperia.com.ua/ua/p702553372-otvetvitelni-zazhim-ttd.html</a>             | LLC "Energy Territory" 02068, Kyiv, street Revutskoho, building 24/4, apartment 391   | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p707042485-prokalnyavuschie-zazhimi-stdc.html">https://amperia.com.ua/ua/p707042485-prokalnyavuschie-zazhimi-stdc.html</a> | LLC "Energy Territory" 02068, Kyiv, street Revutskoho, building 24/4, apartment 391   | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p705461904-podderzhivayuschi-zazhim-psp.html">https://amperia.com.ua/ua/p705461904-podderzhivayuschi-zazhim-psp.html</a>   | LLC "Energy Territory" 02068, Kyiv, street Revutskoho, building 24/4, apartment 391   | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p938340372-traversa-tm1.html">https://amperia.com.ua/ua/p938340372-traversa-tm1.html</a>                                   | AZA TERNOPIL LLC  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p938393889-traversa-tm3.html">https://amperia.com.ua/ua/p938393889-traversa-tm3.html</a>                                   | AZA TERNOPIL LLC  | For emergency recovery work | For emergency recovery work  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://elektrovoz.com.ua/ua/kriplennya-pidkosa-pid-oporu-iv-105.html">https://elektrovoz.com.ua/ua/kriplennya-pidkosa-pid-oporu-iv-105.html</a>     | AZA TERNOPIL LLC  | For emergency recovery work | For emergency recovery work  |

|  |                   |        |            |   |  |                             |                             |
|--|-------------------|--------|------------|---|--|-----------------------------|-----------------------------|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://prom.ua/ua/p2297657-homut-h12.html">https://prom.ua/ua/p2297657-homut-h12.html</a>   | AZA TERNOPIIL LLC  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kruks.com.ua/ua/p2663-2125-ogolovok.html">https://kruks.com.ua/ua/p2663-2125-ogolovok.html</a>                                     | AZA TERNOPIIL LLC  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p151-18405-zazhim.html">https://volten.com.ua/ua/p151-18405-zazhim.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p151-18449-zazhim.html">https://volten.com.ua/ua/p151-18449-zazhim.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p152-05730-zazhim.html">https://volten.com.ua/ua/p152-05730-zazhim.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p152-05763-zazhim.html">https://volten.com.ua/ua/p152-05763-zazhim.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p152-06531-zazhim.html">https://volten.com.ua/ua/p152-06531-zazhim.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p229-781559-skoba.html">https://volten.com.ua/ua/p229-781559-skoba.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p229-756823-skoba.html">https://volten.com.ua/ua/p229-756823-skoba.html</a>                                       | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p152-03847-zveno-promezhutechnoepart.html">https://volten.com.ua/ua/p152-03847-zveno-promezhutechnoepart.html</a> | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p150-93542-ushko.html">https://volten.com.ua/ua/p150-93542-ushko.html</a>   | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p150-95997-ushko.html">https://volten.com.ua/ua/p150-95997-ushko.html</a>   | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p150-50627-serga.html">https://volten.com.ua/ua/p150-50627-serga.html</a>   | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p151-02235-zazhim-pgn.html">https://volten.com.ua/ua/p151-02235-zazhim-pgn.html</a>                               | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p151-02373-zazhim-pgn.html">https://volten.com.ua/ua/p151-02373-zazhim-pgn.html</a>                               | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/ua/p151-18293-zazhim-nkk.html">https://volten.com.ua/ua/p151-18293-zazhim-nkk.html</a>                               | Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/kabel-silovoi-avvg-450">https://vse-e.com/kabel-silovoi-avvg-450</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenka@voliacable.com   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/kabel-silovoi-avvg-470">https://vse-e.com/kabel-silovoi-avvg-470</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenka@voliacable.com   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/kabel-ysokovoltnyi-aabl-3x50-10">https://vse-e.com/kabel-ysokovoltnyi-aabl-3x50-10</a>                                   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenka@voliacable.com   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/kabel-ysokovoltnyi-aabl-3h70-10">https://vse-e.com/kabel-ysokovoltnyi-aabl-3h70-10</a>                                   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenka@voliacable.com   | For emergency recovery work | For emergency recovery work |

|  |                   |        |            |   |   |                             |                             |
|--|-------------------|--------|------------|---|---|-----------------------------|-----------------------------|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/kabel-vyskovolnyi-aabl-3h95-10">https://vse-e.com/kabel-vyskovolnyi-aabl-3h95-10</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/asbl-10-3120">https://vse-e.com/asbl-10-3120</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vse-e.com/asbl-10-3150">https://vse-e.com/asbl-10-3150</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://tf.k.prom.ua/ua/p477494813-kontseva-mufta-kntto.html">https://tf.k.prom.ua/ua/p477494813-kontseva-mufta-kntto.html</a>   | HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil <a href="https://hard-soft.com.ua/">https://hard-soft.com.ua/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://tf.k.prom.ua/ua/p477293657-soedinitelnaya-mufta-sttp.html">https://tf.k.prom.ua/ua/p477293657-soedinitelnaya-mufta-sttp.html</a>   | HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil <a href="https://hard-soft.com.ua/">https://hard-soft.com.ua/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://sicame.ua/index.php?route=product/product&amp;product_id=284">https://sicame.ua/index.php?route=product/product&amp;product_id=284</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p851346408-mufta-soedinitelnaya-termousazhivaemaya.html">https://amperia.com.ua/ua/p851346408-mufta-soedinitelnaya-termousazhivaemaya.html</a>   | HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil <a href="https://hard-soft.com.ua/">https://hard-soft.com.ua/</a> | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.sep.ho.ua/index-2-opnn022.html">http://www.sep.ho.ua/index-2-opnn022.html</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://tfm.com.ua/magazin/product/ogranichitel-perenapravleniya-opn-p-0-4-0-45-5-300-uh3">https://tfm.com.ua/magazin/product/ogranichitel-perenapravleniya-opn-p-0-4-0-45-5-300-uh3</a>   | LLC "ENCO" 01013, Kyiv, street Building Industry, 5 oenko@voliacable.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://amperia.com.ua/ua/p562755382-razryadnik-rvo.html">https://amperia.com.ua/ua/p562755382-razryadnik-rvo.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-125-3r-63a-25ka-electro-00000028">https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-125-3r-63a-25ka-electro-00000028</a>   | PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-100a-25ka-electro-00000041">https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-100a-25ka-electro-00000041</a> | PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-160a-25ka-electro-00000043">https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-160a-25ka-electro-00000043</a> | PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-250a-25ka-electro-00000046">https://electrocontrol.com.ua/avtomaticheskii-vyklyuchatel/avtomaticheskii-vyklyuchatel-va-77-1-250-3r-250a-25ka-electro-00000046</a> | PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrokom.kiev.ua/ua/product/rublinik-rps-2">https://electrokom.kiev.ua/ua/product/rublinik-rps-2</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrokom.kiev.ua/ua/product/rublinik-rps-4">https://electrokom.kiev.ua/ua/product/rublinik-rps-4</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://strumok.kiev.ua/predohranitel-pn2-100a.html">https://strumok.kiev.ua/predohranitel-pn2-100a.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://strumok.kiev.ua/predohranitel-pn2-250a-plavkaja-vstavka.html">https://strumok.kiev.ua/predohranitel-pn2-250a-plavkaja-vstavka.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://strumok.kiev.ua/predohranitel-pn2-400a.html">https://strumok.kiev.ua/predohranitel-pn2-400a.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tmg-oil-transformers">https://uea.com.ua/product/tmg-oil-transformers</a>   | LLC "Ukrelektroaparat <a href="https://uea.com.ua">https://uea.com.ua</a>   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tmg-oil-transformers">https://uea.com.ua/product/tmg-oil-transformers</a>   | LLC "Ukrelektroaparat <a href="https://uea.com.ua">https://uea.com.ua</a>   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tmg-oil-transformers">https://uea.com.ua/product/tmg-oil-transformers</a>   | LLC "Ukrelektroaparat <a href="https://uea.com.ua">https://uea.com.ua</a>   | For emergency recovery work | For emergency recovery work |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://prom.ua/ua/p956490828-razedinitel-rind-10400.html">https://prom.ua/ua/p956490828-razedinitel-rind-10400.html</a>   | LLC "TC" Promenergotreid "mail@promenergotreid.com  | For emergency recovery work | For emergency recovery work |



|  |                   |        |            |   |  |  |   |
|--|-------------------|--------|------------|---|--|--|---|
|  | Emergency reserve | Urgent | 01.06.2022 | <a href="http://www.rzva.ua/ua/products/ia/komplektni-transformatori-pidstancii_1472626257/elementi-pidstancii_1472626175/krrp-10_1472625665.htm">http://www.rzva.ua/ua/products/ia/komplektni-transformatori-pidstancii_1472626257/elementi-pidstancii_1472626175/krrp-10_1472625665.htm</a> | Global Energy LLC, Ivano-Frankivsk   | For the reserve of 35-110 kV substations, which are located in the settlements of Ternopil region. | For the reserve of 35-110 kV substations, which are located in the settlements of Ternopil region.  |
|  | Emergency reserve | Urgent | 01.06.2022 | <a href="https://new.abb.com/se/om-abb/kontakt">https://new.abb.com/se/om-abb/kontakt</a>   | ABB +46 (0) 21 32 5000   | For operative replacement of 110 kV switches at nodal substations.                                 | For operative replacement of 110 kV switches at nodal substations.  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | PJSC "Ukrnafta", LLC "Master-D"  | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | PJSC "Ukrnafta", LLC "Master-D"  | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | PJSC "Ukrnafta", LLC "Master-D"  | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | LLC "Autotechservice"  | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/106462149/p106462149/">https://rozetka.com.ua/ua/106462149/p106462149/</a>   | LLC "Master-D"   | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/127376477/p127376477/">https://rozetka.com.ua/ua/127376477/p127376477/</a>   | LLC "Master-D"   | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/ua/p893624683-maslo-motornoje-dizelnoe.html">https://prom.ua/ua/p893624683-maslo-motornoje-dizelnoe.html</a>   | LLC "Master-D"   | To provide vehicles  | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://thk.kiev.ua/product/brigadnyj-avtomobil-iv-arm-na-shassi-iveco-daily-55-sw">https://thk.kiev.ua/product/brigadnyj-avtomobil-iv-arm-na-shassi-iveco-daily-55-sw</a>   | SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borschahivka village, Velyka Kiltseva Street 4-N. Phone (098) 55 111 55 | Transportation of repair crews to eliminate damage to power lines in the city and region           | Due to the partial transfer of equipment to the Supreme Court, moral and technical wear, the need for constant significant costs for repairs, in the absence of the necessary spare parts, the equipment needs to be replaced.          |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://thk.kiev.ua/product/samosval-dongfeng-dfh-5120-1200-mm">https://thk.kiev.ua/product/samosval-dongfeng-dfh-5120-1200-mm</a>   | 08004, Kiev region, Makarov district, Kalinovka village, Kievskaya street, 43/2  | Transportation of materials, household goods, transformers for the needs of the Company            | Due to the partial transfer of equipment to the Supreme Court, moral and technical deterioration, the need for constant significant costs for repairs, in the absence of the necessary spare parts, the equipment needs to be replaced. |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://avtek.ua/ua/p-ford-trucks-1848t">https://avtek.ua/ua/p-ford-trucks-1848t</a>   | 03134, Ukraine, Kyiv, street Wheat 9: (044) 496-00-00  | Transportation of materials, household goods, transformers for the needs of the Company            | Due to the partial transfer of equipment to the Supreme Court, moral and technical deterioration, the need for constant significant costs for repairs, the equipment needs to be replaced.  |
|  | Restoration       | Urgent | 05/01/2022 | <a href="http://www.autokraz.com.ua/in dex.php/uk/produktsiya/avtomobile/civil/bortovi/item/1405-kraz-65053">http://www.autokraz.com.ua/in dex.php/uk/produktsiya/avtomobile/civil/bortovi/item/1405-kraz-65053</a>   | street Kyivska, 62, Kremenchuk, Ukraine, 39631 (0536) 766-200  | Transportation of materials, household goods, transformers for the needs of the Company            | Due to the partial transfer of equipment to the Supreme Court, moral and technical deterioration, the need for constant significant costs for repairs in the absence of the necessary spare parts, the equipment needs to be replaced   |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://alfateks.com.ua/katalog-texniki/socage/avtovyshki-socage/avtogidropodjomyk-1318-na-shassi-iveco-daily/">https://alfateks.com.ua/katalog-texniki/socage/avtovyshki-socage/avtogidropodjomyk-1318-na-shassi-iveco-daily/</a>   | 39600, Kremenchug, 19 Avtokrazovsky Blvd., + 38 0536 74 38 28  | It is used to carry out repair work to eliminate damage to power lines in the city and region      | Hydraulic hoists based on GAZ 52 and GAZ 53 cars used in the Company are obsolete and require significant repair costs, in the absence of the necessary spare parts, need to be replaced  |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://alfateks.com.ua/katalog-texniki/socage/avtovyshki-socage/avtogidropodjomyk-socage-32dl/">https://alfateks.com.ua/katalog-texniki/socage/avtovyshki-socage/avtogidropodjomyk-socage-32dl/</a>   | 39600, Kremenchug, 19 Avtokrazovsky Blvd., + 38 0536 74 38 28  | Needed for repair work in high-voltage networks of the city and region                             | Hydraulic hoists with a lifting height of up to 32 m are very necessary, at present, equipment with such technical characteristics is not available in the Company  |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://cml.ua/product/budivelnja-tehnika/eksavatory-navantazhuvachi/4-cx-site-master/">https://cml.ua/product/budivelnja-tehnika/eksavatory-navantazhuvachi/4-cx-site-master/</a>   | 04086, Kyiv, Ukraine st. Petropavlivska, 54-A, 0800335555  | Needed for repair work in the city's cable networks  | Excavators existing in the Company are obsolete, require significant costs for major repairs, there are no necessary spare parts  |
|  | Restoration       | Urgent | 05/01/2022 | <a href="https://patriottehnika.com.ua/g60341826-dizelny-generator-baze">https://patriottehnika.com.ua/g60341826-dizelny-generator-baze</a>   | 0  | 0  | 11.03.2022 the maximum number of de-energized simultaneously PS150 / 35/10 and 35 / 10kV was 57 pieces. Power supply of socially important objects in case of complete power outage.  |



|  |             |        |            |   |   |   |  |
|--|-------------|--------|------------|---|---|---|--|
|  | Restoration | Urgent | 05/01/2022 | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a>   | 0   | Restoration of power supply                           | As of 11.03.2022 on JSC Nikolayevoblenergo the 2T transformer on PS35/10 "Gorokhovka" received numerous damages because of military operations. Has suffered shelling PS35 / 10 "Kozhzavod", the condition of the equipment is specified.  |
|  | Restoration | Urgent | 05/01/2022 | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a>   | 0   | Restoration of power supply                           | As of 11.03.2022 on JSC Nikolayevoblenergo the transformer 1T on PS35/10 "Balovne" received numerous damages because of military operations. Fired shelling PS35 / 10 "NS-20", "Gurievka", "TOR". The condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="http://www.rzva.ua/ua/product-ia/komutacini-aparati_1472639412/vakuumni-vimikachi-35-kv_1472639116/vr35nsm_1472639053.htm">http://www.rzva.ua/ua/product-ia/komutacini-aparati_1472639412/vakuumni-vimikachi-35-kv_1472639116/vr35nsm_1472639053.htm</a> | LLC "RZA Systems" bldv. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com  | Protection and switching of 35 kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="https://rzasystems.com/product/rs83-av2/">https://rzasystems.com/product/rs83-av2/</a>   | LLC "RZA Systems" bldv. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com  | Protection of electrical networks                     | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="https://rzasystems.com/product/rs80-mv/">https://rzasystems.com/product/rs80-mv/</a>   | LLC "RZA Systems" bldv. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com  | Protection of electrical networks                     | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="https://rzasystems.com/product/rs83-dt2/">https://rzasystems.com/product/rs83-dt2/</a>   | LLC "RZA Systems" bldv. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com  | Protection of electrical networks                     | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="https://rzasystems.com/product/rs83-vs/">https://rzasystems.com/product/rs83-vs/</a>   | LLC "RZA Systems" bldv. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com  | Protection of electrical networks                     | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.   |
|  | Restoration | Urgent | 05/01/2022 | <a href="https://220volt.com.ua/generator-dizel-nij-wattstream-ws140-rs/">https://220volt.com.ua/generator-dizel-nij-wattstream-ws140-rs/</a>   | <a href="https://220volt.com.ua/contact/">https://220volt.com.ua/contact/</a> 044 344 64 52 067 208 76 26 050 446 25 68 063 238 08 38 Store address: st. Balzac 4, of. 145B E-mail address for communication: info@220volt.com.ua | Backup power supply                                   | The need to provide power to the Office of the Company and the branch of Mykolayiv (computer network, communication network, control room, telemechanics, call-center, production needs) in case of complete frustration of the city of Mykolayiv. During the period of mass shelling, the city's power supply remained on one 150kV line with the threat of its shutdown. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://220volt.com.ua/generator-benzinovij-honda-eg500cl">https://220volt.com.ua/generator-benzinovij-honda-eg500cl</a>   | <a href="https://220volt.com.ua/contact/">https://220volt.com.ua/contact/</a> 044 344 64 52 067 208 76 26 050 446 25 68 063 238 08 38 Store address: st. Balzac 4, of. 145B E-mail address for communication: info@220volt.com.ua | Power supply of special mechanisms and tools          | 11.03.2022 the maximum number of de-energized simultaneously PS150 / 35/10 and 35 / 10kV was 57 pieces. Powering the power tool without an autonomous source is not possible.  |

|             |        |            |   |  |   |  |
|-------------|--------|------------|---|--|---|--|
| Restoration | Urgent | 01/04/2022 | <a href="https://profpostach.com.ua/nv-ertornaya-dupovava-svarka-nma/613-svarochnyi-apparat-vdi-200e-dc-nmaua-keis-paton-49209-569900.html">https://profpostach.com.ua/nv-ertornaya-dupovava-svarka-nma/613-svarochnyi-apparat-vdi-200e-dc-nmaua-keis-paton-49209-569900.html</a> | <a href="https://profpostach.com.ua/095-877-77-50-Epiphany-Avenue,-21/2-Mykolaiv-Mykolaiv-region-Ukraine-54034">https://profpostach.com.ua/095-877-77-50-Epiphany-Avenue,-21/2-Mykolaiv-Mykolaiv-region-Ukraine-54034</a>                | Execution of repair works   | The need to restore metal structures damaged by shelling at electrical networks  |
| Restoration | Urgent | 01/04/2022 | <a href="http://www.rzva.ua/ua/produkcija/komutacijni-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkcija/komutacijni-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a>                       | LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48<br>www.rzasystems.com   | Protection and switching of 10 kV electrical networks                               | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalmivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazovod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
| Restoration | Urgent | 01/04/2022 | <a href="https://ooo-aes.com/p817329432-polimernyi-natyazhnoj-izolator.html">https://ooo-aes.com/p817329432-polimernyi-natyazhnoj-izolator.html</a>   | <a href="https://ooo-aes.com/">https://ooo-aes.com/</a> LLC "Active Energy Service" st. Protsenko, 52, Odesa, Ukraine +380 (50) 625-36-83 +380 (97) 640-01-62 +380 (48) 789-06-78  | Restoration of 35-150 kV OHL  | As of 11.03.2022 on JSC Nikolayevoblenergo received numerous damages because of military operations of 22 pcs of PL-35kV   |
| Restoration | Urgent | 01/04/2022 | <a href="https://ooo-aes.com/p817329432-polimernyi-natyazhnoj-izolator.html">https://ooo-aes.com/p817329432-polimernyi-natyazhnoj-izolator.html</a>   | <a href="https://ooo-aes.com/">https://ooo-aes.com/</a> LLC "Active Energy Service" st. Protsenko, 52, Odesa, Ukraine +380 (50) 625-36-83 +380 (97) 640-01-62 +380 (48) 789-06-78  | Restoration of 35-150 kV OHL  | As of 11.03.2022 on JSC Nikolayevoblenergo received numerous damages because of military operations of 22 pcs of PL-35kV   |
| Restoration | Urgent | 01/04/2022 | <a href="http://www.gebp.lviv.ua/index.php/ua/produktisia?id=83">http://www.gebp.lviv.ua/index.php/ua/produktisia?id=83</a>   | <a href="http://www.gebp.lviv.ua">www.gebp.lviv.ua</a> PJSC "GALENERGOBUDPROM": 27 Zavodska Street, Duliby village, Strylskyi district, Lviv region, postal code 82434. tel./fax: (03245) 3-64-47; 3 - 64-49, e-mail: galenergo@ukr.net. | Restoration of 35-150 kV OHL  | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
| Restoration | Urgent | 01/04/2022 | <a href="http://valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html">valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html</a>  | <a href="http://valon-a.prom.ua">valon-a.prom.ua</a> Valon-A LLC +380 (38) 274-46-72 accounting +380 (38) 274-95-86 order department +380 (38) 274-99-20 Alexander Viktorovich st. Garrison, 9, Khmelnytsky, Ukraine                     | Transformation and distribution of electric energy in voltage class 10 (6) / 0.4 kV | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.   |
| Restoration | Urgent | 01/04/2022 | <a href="http://valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html">valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html</a>  | <a href="http://valon-a.prom.ua">valon-a.prom.ua</a> Valon-A LLC +380 (38) 274-46-72 accounting +380 (38) 274-95-86 order department +380 (38) 274-99-20 Alexander Viktorovich st. Garrison, 9, Khmelnytsky, Ukraine                     | Transformation and distribution of electric energy in voltage class 10 (6) / 0.4 kV | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.   |
| Restoration | Urgent | 01/04/2022 | <a href="http://valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html">valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html</a>  | <a href="http://valon-a.prom.ua">valon-a.prom.ua</a> Valon-A LLC +380 (38) 274-46-72 accounting +380 (38) 274-95-86 order department +380 (38) 274-99-20 Alexander Viktorovich st. Garrison, 9, Khmelnytsky, Ukraine                     | Transformation and distribution of electric energy in voltage class 10 (6) / 0.4 kV | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.   |
| Restoration | Urgent | 01/04/2022 | <a href="http://valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html">valon-a.prom.uahttps://valon-a.prom.ua/p2572501-podstantsii-transformatornye-komplektnye.html</a>  | <a href="http://valon-a.prom.ua">valon-a.prom.ua</a> Valon-A LLC +380 (38) 274-46-72 accounting +380 (38) 274-95-86 order department +380 (38) 274-99-20 Alexander Viktorovich st. Garrison, 9, Khmelnytsky, Ukraine                     | Transformation and distribution of electric energy in voltage class 10 (6) / 0.4 kV | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.   |
| Restoration | Urgent | 01/04/2022 | <a href="http://www.zbi.com.ua/opori_aliobetonni">http://www.zbi.com.ua/opori_aliobetonni</a>   | <a href="http://www.zbi.com.ua/">http://www.zbi.com.ua/</a> Mykolaiv, street Industrialnaya, 3 A, 54020, 067 514 77 76 (0512) 47-85-60 47-73-28 47-83-56   | Restoration of 10 kV OHL  | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 - 42 pcs  |
| Restoration | Urgent | 01/04/2022 | <a href="http://www.zbi.com.ua/opori_aliobetonni">http://www.zbi.com.ua/opori_aliobetonni</a>   | <a href="http://www.zbi.com.ua/">http://www.zbi.com.ua/</a> Mykolaiv, street Industrialnaya, 3 A, 54020, 067 514 77 76 (0512) 47-85-60 47-73-28 47-83-56   | Restoration of 0.4 kV OHL   | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs  |

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|--|-------------|--------|------------|---|---|---|---|
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetolux Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Protection of 0.4 kV electrical networks                    | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetolux Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Protection of 0.4 kV electrical networks                    | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetolux Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Protection of 0.4 kV electrical networks                    | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://volten.com.ua/ua/p149-01957-izolyatory-prohodnye-ipu.html">https://volten.com.ua/ua/p149-01957-izolyatory-prohodnye-ipu.html</a> | Volten Research and Production Enterprise,<br>Svobody 39, Slavyansk, Ukraine<br><a href="https://volten.com.ua/en/">https://volten.com.ua/en/</a>   | Restoration of 10 kV OHL                                    | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://ptk-veles.in.ua/asbl-10/asbl-10-3h120/">https://ptk-veles.in.ua/asbl-10/asbl-10-3h120/</a>                                       | <a href="https://ptk-veles.in.ua/about/">https://ptk-veles.in.ua/about/</a><br>Cable company "VELES"<br>Kyiv, st. Kaunaska, 13a (044) 360-92-32 (067) 406-80-05 (050) 360-92-32 ptk-veles@ukr.net   | Restoration of power supply in 10 kV networks               | Restoration of 6-10 kV electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://sicame.com.ua/">https://sicame.com.ua/</a>   | SIKAM-UKRAINE LLC   | Restoration of power supply in 10 kV networks               | Restoration of 6-10 kV electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://sicame.com.ua/">https://sicame.com.ua/</a>   | SIKAM-UKRAINE LLC   | Restoration of power supply in 10 kV networks               | Restoration of 6-10 kV electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.ztr.ua/ua/power-transformers">http://www.ztr.ua/ua/power-transformers</a>   | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a> PJSC "Zaporizhtransformator" st. Dniprovskoe Shosse, 3 Zaporizhia, 69600, Ukraine Tel.: +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-mail: <a href="mailto:office@ztr.ua">office@ztr.ua</a> | Lowering the voltage to the level of distribution networks  | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.ztr.ua/ua/power-transformers">http://www.ztr.ua/ua/power-transformers</a>   | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a> PJSC "Zaporizhtransformator" st. Dniprovskoe Shosse, 3 Zaporizhia, 69600, Ukraine Tel.: +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-mail: <a href="mailto:office@ztr.ua">office@ztr.ua</a> | Lowering the voltage to the level of distribution networks  | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.ztr.ua/ua/power-transformers">http://www.ztr.ua/ua/power-transformers</a>   | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a> PJSC "Zaporizhtransformator" st. Dniprovskoe Shosse, 3 Zaporizhia, 69600, Ukraine Tel.: +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-mail: <a href="mailto:office@ztr.ua">office@ztr.ua</a> | Lowering the voltage to the level of distribution networks  | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.ztr.ua/ua/power-transformers">http://www.ztr.ua/ua/power-transformers</a>   | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a> PJSC "Zaporizhtransformator" st. Dniprovskoe Shosse, 3 Zaporizhia, 69600, Ukraine Tel.: +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-mail: <a href="mailto:office@ztr.ua">office@ztr.ua</a> | Lowering the voltage to the level of distribution networks  | As of March 11, 22, 4 transformer substations with a voltage of 10 / 0.4 kV were completely destroyed due to shelling. More than 10 TPs cannot be inspected due to life-threatening personnel.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a>   | PE "BIONTOP"  | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a>   | PE "BIONTOP"  | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a>   | PE "BIONTOP"  | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |

|  |             |        |            |   |              |   |   |
|--|-------------|--------|------------|---|--------------|---|---|
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://beontop.com.ua/">https://beontop.com.ua/</a> | PE "BIONTOP" | Measurement and protection of 6 (10) kV electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
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|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96 | Protection of electrical networks with a voltage of 6 (10) kV | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
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|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96 | Switching in electrical networks with a voltage of 0.4 kV     | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96 | Switching in electrical networks with a voltage of 0.4 kV     | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
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|  | Restoration | Urgent | 05/01/2022 | 0   | LLC "MONOLITTORG"<br>Ukraine, 04119, Kyiv city,<br>Zoologichna str., House 4 A,<br>office 139 +380508176266;<br>+380672209731 | Protection of electrical<br>networks from impulse<br>overvoltages | As of March 11, 2022, JSC<br>Mykolayivoblenerho received<br>numerous injuries due to the PS35 /<br>10 "Gorokhivka", PS35 / 10<br>"Balovne", "Kalynivka", "Ternivka"<br>fighting operations. Subjected to<br>shelling PS35 / 10 "Kozhazavod", "NS-<br>20", "Gurievka", "TOR", "Greygove",<br>the condition of the equipment is<br>being clarified. |
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|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.lizo.lviv.ua/">http://www.lizo.lviv.ua/</a> | Lviv Insulation Ltd.  | Restoration of 0.4 kV<br>electrical networks                      | The number of damaged as a result<br>of hostilities PL-0.4kV as of 11.03.22<br>exceeds 80 pcs   |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://www.lizo.lviv.ua/">http://www.lizo.lviv.ua/</a> | Lviv Insulation Ltd.  | Restoration of 0.4 kV<br>electrical networks                      | The number of damaged as a result<br>of hostilities PL-0.4kV as of 11.03.22<br>exceeds 80 pcs   |
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|  |             |        |            |   |  |                                     |   |
|--|-------------|--------|------------|---|--|-------------------------------------|---|
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of electrical networks  | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts,<br>81/24, 54056 (0512) 58-54-96  | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a> | https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel.: +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs                         |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a> | https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel.: +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com | Restoration of overhead power lines | The number of damaged as a result of hostilities PL-10kV as of 11.03.22 - 42pcs                                 |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a> | https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel.: +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/prod-ucts/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a> | https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel.: +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |

|  |             |        |            |   |   |                                     |   |
|--|-------------|--------|------------|---|---|-------------------------------------|---|
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a>   | <a href="https://odeskabel.com/ua/PJSC%20Odessa%20Cable%20Plant%20Odeskabel%20Mykolaivska%20road,%20144,%20Odessa,%2065102,%20Ukraine%20tel%20:%20+38%20048%20716%2011%2023;%20fax:%20+38%20048%20716%2014%2001%20e-mail:%20office@odeskabel.com">https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel. : +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com</a> | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a>   | <a href="https://odeskabel.com/ua/PJSC%20Odessa%20Cable%20Plant%20Odeskabel%20Mykolaivska%20road,%20144,%20Odessa,%2065102,%20Ukraine%20tel%20:%20+38%20048%20716%2011%2023;%20fax:%20+38%20048%20716%2014%2001%20e-mail:%20office@odeskabel.com">https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel. : +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com</a> | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a>   | <a href="https://odeskabel.com/ua/PJSC%20Odessa%20Cable%20Plant%20Odeskabel%20Mykolaivska%20road,%20144,%20Odessa,%2065102,%20Ukraine%20tel%20:%20+38%20048%20716%2011%2023;%20fax:%20+38%20048%20716%2014%2001%20e-mail:%20office@odeskabel.com">https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel. : +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com</a> | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a>   | <a href="https://odeskabel.com/ua/PJSC%20Odessa%20Cable%20Plant%20Odeskabel%20Mykolaivska%20road,%20144,%20Odessa,%2065102,%20Ukraine%20tel%20:%20+38%20048%20716%2011%2023;%20fax:%20+38%20048%20716%2014%2001%20e-mail:%20office@odeskabel.com">https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel. : +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com</a> | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html">https://odeskabel.com/ua/products/kabeli-silovye/neizolirovannye-provoda/provod-neizolirovannyi-statealuminiumevyi-as-diya-vozdushnykh-lep.html</a>   | <a href="https://odeskabel.com/ua/PJSC%20Odessa%20Cable%20Plant%20Odeskabel%20Mykolaivska%20road,%20144,%20Odessa,%2065102,%20Ukraine%20tel%20:%20+38%20048%20716%2011%2023;%20fax:%20+38%20048%20716%2014%2001%20e-mail:%20office@odeskabel.com">https://odeskabel.com/ua/PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odessa, 65102, Ukraine tel. : +38 048 716 11 23; fax: +38 048 716 14 01 e-mail: office@odeskabel.com</a> | Restoration of overhead power lines | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d1%88%d0%b2%d0%b5%d0%bb%d0%bb%d0%b5%d1%80-%e2%84%9612-9%d0%bc/">https://widzew.ua/product/%d1%88%d0%b2%d0%b5%d0%bb%d0%bb%d0%b5%d1%80-%e2%84%9612-9%d0%bc/</a>   | PE "Vidzev"<br><a href="https://widzew.ua/company/">https://widzew.ua/company/</a>  | Repair work in electrical networks  | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d1%88%d0%b2%d0%b5%d0%bb%d0%bb%d0%b5%d1%80-%e2%84%9616-117%d0%bc/">https://widzew.ua/product/%d1%88%d0%b2%d0%b5%d0%bb%d0%bb%d0%b5%d1%80-%e2%84%9616-117%d0%bc/</a>   | PE "Vidzev"<br><a href="https://widzew.ua/company/">https://widzew.ua/company/</a>  | Repair work in electrical networks  | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d0%bf%d0%be%d0%bb%d0%be%d1%81%d0%b0-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%b0%d1%8f-40%d1%854/">https://widzew.ua/product/%d0%bf%d0%be%d0%bb%d0%be%d1%81%d0%b0-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%b0%d1%8f-40%d1%854/</a>   | PE "Vidzev"<br><a href="https://widzew.ua/company/">https://widzew.ua/company/</a>  | Repair work in electrical networks  | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%b0%d1%8563%d1%8556%d0%b2%d0%bc-%d0%bd%d0%b5%d0%bd%d0%b5%d1%80%d0%bd%d0%be%d0%b5/">https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%b0%d1%8563%d1%8556%d0%b2%d0%bc-%d0%bd%d0%b5%d0%bd%d0%b5%d1%80%d0%bd%d0%be%d0%b5/</a> | PE "Vidzev"<br><a href="https://widzew.ua/company/">https://widzew.ua/company/</a>  | Repair work in electrical networks  | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d0%b0%d1%80%d0%bc%d0%b0%d1%82%d1%83%d1%80%d0%b0%d0%b05000d1%81-%e2%84%9616%d0%bc%d0%bc/">https://widzew.ua/product/%d0%b0%d1%80%d0%bc%d0%b0%d1%82%d1%83%d1%80%d0%b0%d0%b05000d1%81-%e2%84%9616%d0%bc%d0%bc/</a>   | PE "Vidzev"<br><a href="https://widzew.ua/company/">https://widzew.ua/company/</a>  | Repair work in electrical networks  | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://cvetprokat.com.ua/uk/alyuminyaluminiumevaya-shina/">https://cvetprokat.com.ua/uk/alyuminyaluminiumevaya-shina/</a>   | Company "Tsvetprokat Ukraine"<br><a href="https://cvetprokat.com.ua/uk/">https://cvetprokat.com.ua/uk/</a>  | Repair work in electrical networks  | Elimination of numerous damages in electric networks with a voltage of 0.4-10 kV.                               |



|  |                   |        |            |   |  |   |   |
|--|-------------------|--------|------------|---|--|---|---|
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | Internet access   | As of March 11, 2022, JSC "Mykolaivoblenergo" due to damage to the fiber-optic network due to hostilities, lost contact and the ability to exchange information with four branches of the Company               |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | Providing communication   | The need for communication of production units in the complete absence of mobile and RF communication. 11.03.2022 the maximum number of de-energized simultaneously PS 150 / 35/10 and 35 / 10kV was 57 pieces. |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Restoration       | Urgent | 01/04/2022 | 0   | 0  | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://powertool.com.ua/protivogazy-panoramnye/4126-panoramnyi-protivogaz-ppm-88-s-filtrrom-a2b2e2k2p3d-ammiak.html">https://powertool.com.ua/protivogazy-panoramnye/4126-panoramnyi-protivogaz-ppm-88-s-filtrrom-a2b2e2k2p3d-ammiak.html</a> | PowerTool Company Ukraine Kharkiv, Akademika Pavlova St. tel. (066) 715 45 47                                    | To protect the respiratory organs of employees and personnel of non-military civil defense formations | Protection of personnel in combat.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://pan-sportsmen.com.ua/ua/p1469115410-fonar-karmannyyi-svetodiody.html">https://pan-sportsmen.com.ua/ua/p1469115410-fonar-karmannyyi-svetodiody.html</a>   | Online store "Pan Sportsman" Dnipro 32 Velyka Divska str. M. Pokrovska, Dnipro, Ukraine tel. +380 (67) 226-67-99 | To ensure non-military formations of civil defense during the restoration of power grids              | Providing conditions for emergency recovery work in the dark  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://fireequipment.prom.ua/ua/p511119004-grupovyi-akumulyatorni-tihhtar.html">https://fireequipment.prom.ua/ua/p511119004-grupovyi-akumulyatorni-tihhtar.html</a>   | "FIRE EQUIPMENT" str. Serpova 11, Kyiv, Ukraine tel. +380 (96) 972-26-22   | To ensure non-military formations of civil defense during the restoration of power grids              | Providing conditions for emergency recovery work in the dark  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-subhai-piriatin-sua_24_1-ru">https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-subhai-piriatin-sua_24_1-ru</a>   | Voyentorg "Haidamak" Kyiv, street Saksaganskogo 45 t. (073) 044-40-87  | To provide food for non-military formations of civil defense during the restoration of power grids    | Protection of personnel in combat.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://www.skz.net.ua/UA/%D1%84%D0%82%D1%83">https://www.skz.net.ua/UA/%D1%84%D0%82%D1%83</a>   | WEBCOM LLC 03115, Ukraine, Kyiv, Peremohy Avenue, 91 t. +380442236269  | For the equipment of protective structures of the Central Committee with filter ventilation systems   | Protection of personnel in combat.  |

|  |                   |        |            |   |   |   |  |
|--|-------------------|--------|------------|---|---|---|--|
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://avpharma.com.ua/aptechka-taktichna-individualna-av-farma/">https://avpharma.com.ua/aptechka-taktichna-individualna-av-farma/</a>   | AB "PHARMA" Kyiv, street Academician Tupolev, 19, +38 (044) 400-59-23   | To provide first aid to staff during the restoration of electrical networks   | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="#">Individual anti-chemical package IPP-11: sale, price in Kiev. Antidotes from "PHARMEDALLIANS T PHARMACIES IN UKRAINE" - 208804043 [aptechki.in.ua]</a>  | LLC "Pharmedalliance" st. Serhiy Yesenina, 1, Kyiv, Ukraine tel. +380 (44) 227-03-25  | For the prevention of skin-resorptive lesions by liquid-liquid poisonous and chemically hazardous substances through exposed areas of the skin, as well as for degassing these substances on human skin and clothing and tools of non-military civil defense formations during the restoration of power grids | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/04/2022 | <a href="https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html">https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html</a>   | ARMY  | For individual protection of personnel when performing electrical work  | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/04/2022 | <a href="https://pancer.com.ua/bron/bronezhilet-4-klass-zashity-disj">https://pancer.com.ua/bron/bronezhilet-4-klass-zashity-disj</a>   | Pancer Protection   | To protect personnel when performing work during hostilities  | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://rehamed.in.ua/portativnyy-avtomaticheskyy-narugnyy-defibrillator-powerheart-aed-g3-pro-uk.html">https://rehamed.in.ua/portativnyy-avtomaticheskyy-narugnyy-defibrillator-powerheart-aed-g3-pro-uk.html</a>   | Medical Equipment Ltd.  | For individual protection of personnel when performing electrical work  | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://ortosalon.ua/ua/medicinska-avtomaticheskaya-pervonachalnaya-pomoshch-proizvodstvennaya-mobilnaya?gclid=CjwKCAIAjoeRBhAJEiwAYY3nDBJ2lPlT74jg75nNHt5iOuZoBRU1k_YuLkWiCop">https://ortosalon.ua/ua/medicinska-avtomaticheskaya-pervonachalnaya-pomoshch-proizvodstvennaya-mobilnaya?gclid=CjwKCAIAjoeRBhAJEiwAYY3nDBJ2lPlT74jg75nNHt5iOuZoBRU1k_YuLkWiCop</a> | Pharmedalliance   | To provide first aid to staff during the restoration of electrical networks   | Protection of personnel in combat.   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016">https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016</a>   | Online stores "PATRIOT"   | To provide first aid to non-military formations of civil defense during the restoration of power grids  | Protection of personnel in combat.   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://budaeromash.com.ua/budino-kranovyye-mashiny/bk-m-2m-z-gidravlicheskim-privodom-vrashheniya-bura/">https://budaeromash.com.ua/budino-kranovyye-mashiny/bk-m-2m-z-gidravlicheskim-privodom-vrashheniya-bura/</a>   | 03164, Kyiv city, GENERALA NAUMOVA STREET, building 48-A +38 050 333 13 63  | Necessary for carrying out work on replacement and installation of supports of power lines, carrying out loading and unloading works  | Existing drilling and crane machines in the Company are obsolete, require significant costs for major repairs, there are no necessary spare parts  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://220volt.com.ua/generator-dizel-nij-wattstream-ws140-rs/">https://220volt.com.ua/generator-dizel-nij-wattstream-ws140-rs/</a>   | 044 344 64 52 067 208 76 26 050 446 25 68 063 238 08 38 Store address: st. Balzac 4, of. 145B E-mail address for communication: info@220volt.com.ua   | Providing backup power  | 11.03.2022 the maximum number of de-energized simultaneously PS150 / 35/10 and 35 / 10kV was 57 pieces. Powering the power tool without an autonomous source is not possible.  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/power-transformers">http://www.ztr.ua/ua/power-transformers</a>   | <a href="http://www.ztr.ua/">http://www.ztr.ua/</a> PJSC "Zaporizhtransformator" st. Dniprovskoe Shosse, 3 Zaporizhia, 69600, Ukraine Tel. : +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-mail: office@ztr.ua | Lowering the voltage to the level of distribution networks  | As of 11.03.2022 on JSC Nikolayevoblenergo the 2T transformer on PS35/10 "Gorokhovka" received numerous damages because of military operations. Has suffered shelling PS35 / 10 "Kozhazovod", the condition of the equipment is specified. |
|  | Restoration       | Urgent | 01/04/2022 | <a href="https://bek-ltd.com.ua/produkttsiya/armatura-dlja-lep-i-zoliatory-polimernyye-i-zoliatory-podvesnye-lkts-dlja-lep/">https://bek-ltd.com.ua/produkttsiya/armatura-dlja-lep-i-zoliatory-polimernyye-i-zoliatory-podvesnye-lkts-dlja-lep/</a>   | <a href="https://bek-ltd.com.ua/">https://bek-ltd.com.ua/</a> TVK "Budelektrokabel" Kyiv, Vasyliv Havel Boulevard, 8, Kyiv, 02000 (044) 454-13-11 (067) 402 89 83 (067) 657 49 10                               | Restoration of 35-150 kV OHL  | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |

|  |             |        |            |   |   |   |   |
|--|-------------|--------|------------|---|---|---|---|
|  | Restoration | Urgent | 01/04/2022 | <a href="https://ptk-veles.in.ua/asbl-10/asbl-10-3h240/">https://ptk-veles.in.ua/asbl-10/asbl-10-3h240/</a>   | <a href="https://ptk-veles.in.ua/about/">https://ptk-veles.in.ua/about/</a><br>Cable company "VELES"<br>Kyiv, st. Kaunaska, 13a (044) 360-92-32 (067) 406-80-05 (050) 360-92-32 ptk-veles@ukr.net | Restoration of power supply in 10 kV networks | Restoration of 6-10 kV electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96  | Protection of electrical networks             | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96  | Protection of electrical networks             | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96  | Protection of electrical networks             | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96  | Protection of electrical networks             | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev"<br>Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96  | Protection of electrical networks             | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.                                |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/">https://alit.com.ua/armatura-linejnaya/armatura-natajnaya/zazhymy-natyazhnye-boltovye-tipa-nb/</a> | LLC "ALIT" 03057, Ukraine, Kyiv, st. Moldavskaya, 2, of. 102; 65085, Ukraine, Odessa st. Proselochnaya, 10 +38 (044) 337-23-80; +38 (050) 161-03-01   | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/klinovye-zazhymy-lyagushki-mot/">https://enerprof-building.com.ua/klinovye-zazhymy-lyagushki-mot/</a>   | Kyiv, street Black Sea, 1 380 67 371 52 82  | Restoration of overhead power lines           | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://hydromarket.com.ua/g28242166-samosvaly-gruzoviki-tyagachi">https://hydromarket.com.ua/g28242166-samosvaly-gruzoviki-tyagachi</a>   | 0   | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho. |

|  |             |        |            |   |   |   |  |
|--|-------------|--------|------------|---|---|---|--|
|  | Restoration | Urgent | 01/05/2022 | <a href="https://nd-primoris.zakupka.com/p/22305-67-press-gidravlicheskiy-elektromontazhnyy-pe-100-tonn-kvt/">https://nd-primoris.zakupka.com/p/22305-67-press-gidravlicheskiy-elektromontazhnyy-pe-100-tonn-kvt/</a>     | LLC "EL-TOOLS" 49055, Ukraine, Dnipropetrovsk region, Dnipro, Heroes of Stalingrad Ave., office 16 067 511-92-92 050 511-92-92          | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/ars608/">https://enerprof-building.com.ua/ars608/</a>   | Kyiv, street Black Sea, 1 380 67 371 52 82  | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/afb616/">https://enerprof-building.com.ua/afb616/</a>   | Kyiv, street Black Sea, 1 380 67 371 52 82  | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/gidravlicheskaya-podstavka-pod-baraban-cyl/">https://enerprof-building.com.ua/gidravlicheskaya-podstavka-pod-baraban-cyl/</a>   | Kyiv, street Black Sea, 1 380 67 371 52 82  | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/polispasty-tap/">https://enerprof-building.com.ua/polispasty-tap/</a>   | Kyiv, street Black Sea, 1 380 67 371 52 82  | 0   | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://enerprof-building.com.ua/zapletyonny-neskruchivayushhiysya-tros-iz-oczkovannoj-stali-fua-fuh/">https://enerprof-building.com.ua/zapletyonny-neskruchivayushhiysya-tros-iz-oczkovannoj-stali-fua-fuh/</a> | Subdivision "Enerprof Building" <a href="https://enerprof-building.com.ua/o-kompanii/">https://enerprof-building.com.ua/o-kompanii/</a> | Lifting of overhead lines - 35-150 kV             | As of March 11, 2022, 22 pcs of 35 kV OHL and 11 pcs of 150 (110) kV OHL were damaged by JSC Mykolaivoblenerho.  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/">https://www.kpbintra.cz/ru/pre-dstavitelej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |



|  |             |        |            |   |   |  |   |
|--|-------------|--------|------------|---|---|--|---|
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.kpb intra.cz/ru/press/telej-biznesa-i-partnery/">https://www.kpb intra.cz/ru/press/telej-biznesa-i-partnery/</a>   | KPB INTRA sro,  | Measurement and protection of electrical networks      | As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhazavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://hvt.com.ua/dts">http://hvt.com.ua/dts</a>   | LLC "Group of companies" High-voltage technologies "ZAPORIZHZHIA, BRYANSKA STREET, 10 TELEPHONE: +38 061 707 39 B4 E-mail: office.hvt@gmail.com SALES DEPARTMENT +38 098 1B7 79 07 FAX: +38 067 441 68 65 | Switching of electric networks with voltage of 150 kV  | As of 11.03.2022 on JSC "Nikolayevoblenergo" 3 PS150 / 35 / 10kV were fired, the condition of the equipment is specified.   |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://hvt.com.ua/dts">http://hvt.com.ua/dts</a>   | LLC "Group of companies" High-voltage technologies "ZAPORIZHZHIA, BRYANSKA STREET, 10 TELEPHONE: +38 061 707 39 B4 E-mail: office.hvt@gmail.com SALES DEPARTMENT +38 098 1B7 79 07 FAX: +38 067 441 68 65 | Switching of electric networks with voltage of 150 kV  | As of 11.03.2022 on JSC "Nikolayevoblenergo" 3 PS150 / 35 / 10kV were fired, the condition of the equipment is specified.   |
|  | Restoration | Urgent | 01/05/2022 | Ω   | VIP-NAVIGATOR LLC Ukraine, 03151, Kyiv city, SMILYANSKA STREET, building 7 +380633605662  | Protection and switching of 150 kV electrical networks | As of 11.03.2022 on JSC "Nikolayevoblenergo" 3 PS150 / 35 / 10kV were fired, the condition of the equipment is specified.   |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96   | Protection of electrical networks                      | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="http://svetolux.mk.ua/">http://svetolux.mk.ua/</a>   | PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-96   | Protection of electrical networks                      | Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.  |
|  | Restoration | Urgent | 01/04/2022 | <a href="mailto:andi-electro@ukr.net">andi-electro@ukr.net</a>  | Andy Electro LLC  | Protection of electrical networks                      | The number of damaged as a result of hostilities PL-10kV as of 11.03.22 - 42pcs   |
|  | Restoration | Urgent | 01/04/2022 | <a href="mailto:andi-electro@ukr.net">andi-electro@ukr.net</a>  | Andy Electro LLC  | Protection of electrical networks                      | The number of damaged as a result of hostilities PL-10kV as of 11.03.22 - 42pcs   |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%be%d0%b9-40%d1%8540%d1%854-%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5%d0%bd%d0%b5%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5/">https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%be%d0%b9-40%d1%8540%d1%854-%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5%d0%bd%d0%b5%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5/</a> | PE "Vidzev" <a href="https://widzew.ua/company/">https://widzew.ua/company/</a>   | Repair work in electrical networks                     | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%be%d0%b9-50%d1%8550%d1%854-%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5%d0%bd%d0%b5%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5/">https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%be%d0%ba-%d1%81%d1%82%d0%b0%d0%bb%d1%8c%d0%bd%d0%be%d0%b9-50%d1%8550%d1%854-%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5%d0%bd%d0%b5%d0%bc%d0%b5%d1%80%d0%bd%d0%be%d0%b5/</a> | PE "Vidzev" <a href="https://widzew.ua/company/">https://widzew.ua/company/</a>   | Repair work in electrical networks                     | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d0%ba%d1%80%d1%83%d0%b3-%d1%8410%d0%bc%d0%bc-%d0%b0240/">https://widzew.ua/product/%d0%ba%d1%80%d1%83%d0%b3-%d1%8410%d0%bc%d0%bc-%d0%b0240/</a>   | PE "Vidzev" <a href="https://widzew.ua/company/">https://widzew.ua/company/</a>   | Repair work in electrical networks                     | restoration of metal structures of electrical networks  |
|  | Restoration | Urgent | 01/04/2022 | <a href="https://widzew.ua/product/%d0%ba%d1%80%d1%83%d0%b3-%d1%8422%d0%bc%d0%bc-%d0%b0240/">https://widzew.ua/product/%d0%ba%d1%80%d1%83%d0%b3-%d1%8422%d0%bc%d0%bc-%d0%b0240/</a>   | PE "Vidzev" <a href="https://widzew.ua/company/">https://widzew.ua/company/</a>   | Repair work in electrical networks                     | restoration of metal structures of electrical networks  |

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|--|-------------------|--------|------------|---|--|--|---|
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | <a href="https://docplayer.com/76870519-1tb-145d-1-b-nominalnyv-napryazheniya-nominalnyv-toe-nominalnyv-toe-otelyucheniya.html">https://docplayer.com/76870519-1tb-145d-1-b-nominalnyv-napryazheniya-nominalnyv-toe-nominalnyv-toe-otelyucheniya.html</a> | Contacts: Hitachi Energy Ukraine LLC Address: 03680, Ukraine, Kyiv, 2/1 Mykola Hrinchenko Str. Phone: +380 44 4952211 E-mail: ua-publicbox@hitachienergy.com +380674651909 | To provide 110/35/10 kV substation on the 110 kV side  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01/04/2022 | ?   | ?  | ?  | ?   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://polycar.com.ua/news/1486-avm-isuzuukr/">https://polycar.com.ua/news/1486-avm-isuzuukr/</a>   | SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borschahivka village, Velyka Kiltseva Street 4-N. Phone (098) 55 111 55   | To ensure the transportation of line crews   | JSC "Khmelnytskoblenergo" is not provided with the necessary number of vehicles for transportation of line crew workers on the objects of the distribution system. Some vehicles were confiscated for the needs of the army due to martial law.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://powertool.com.ua/protivogazy-panorammye/1126-panoramnyi-protivogaz-pgm-88-s-filtrom-a2b2e2k2p3d-ammiak.html">https://powertool.com.ua/protivogazy-panorammye/1126-panoramnyi-protivogaz-pgm-88-s-filtrom-a2b2e2k2p3d-ammiak.html</a>     | PowerTool Company Ukraine Kharkiv, Akademika Pavlova St. tel. (066) 715 45 47  | To protect the respiratory organs of employees and personnel of non-military civil defense formations      | Currently, the needs of JSC "Khmelnytskoblenergo" in gas masks are met only by 50% (with the required amount of 100% for employees plus 5% reserve). Resolution of the Cabinet of Ministers of Ukraine of August 19, 2002 №1200 "On approval of the Procedure for providing the population and employees of formations and specialized civil protection services with personal protective equipment.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://comtrade.ua/icom-ic-116/">https://comtrade.ua/icom-ic-116/</a>   | LLC "Comtrade" Kiev, st. Metropolitan Sheptytsky, 4, t. 044-239-26-56  | To ensure the connection of non-military formations of civil defense during the restoration of power grids | Emergency and recovery crews of JSC "Khmelnytskoblenergo" are not provided with portable means of communication. For the organization of interaction and sustainable management during the implementation of tasks for the restoration of electricity supply in the absence of mobile and other communications. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations" |



|  |                   |        |            |   |   |  |  |
|--|-------------------|--------|------------|---|---|--|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atsr/">https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atsr/</a>   | LLC "TECHNO TRADE KS" Kyiv, st. Electrotechnical, 47 t. + 38 (044) 290 57 50                                      | To ensure non-military formations of civil defense during the restoration of power grids   | To ensure emergency power supply of critical infrastructure of the distribution system   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/">https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/</a>   | LLC "TECHNO TRADE KS" Kyiv, st. Electrotechnical, 47 t. + 38 (044) 290 57 50                                      | To ensure non-military formations of civil defense during the restoration of power grids   | To ensure emergency power supply of critical infrastructure of the distribution system   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://pan-sportsmen.com.ua/ua/p146911-5410-fonar-karmannyi-svetodiodnyi.html">https://pan-sportsmen.com.ua/ua/p146911-5410-fonar-karmannyi-svetodiodnyi.html</a>   | Online store "Pan Sportsman" Dnipro 32 Velyka Diivska str. M. Pokrovska, Dnipro, Ukraine tel. +380 (67) 226-67-99 | To ensure non-military formations of civil defense during the restoration of power grids   | To perform tasks to restore electricity supply in the dark. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations"  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://fireequipment.prom.ua/ua/p51119004-grupovli-akumulyatornij-lihtar.html">https://fireequipment.prom.ua/ua/p51119004-grupovli-akumulyatornij-lihtar.html</a>   | "FIRE EQUIPMENT" str. Serpova 11, Kyiv, Ukraine tel. +380 (96) 972-26-22  | To ensure non-military formations of civil defense during the restoration of power grids   | To perform tasks to restore power supply in the dark. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations"  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-suhopir-jatin-sua_24_1-ru">https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-suhopir-jatin-sua_24_1-ru</a>   | Voyentorg "Haidamak" Kyiv, street Saksaganskogo 45 t. (073) 044-40-87   | To provide food for non-military formations of civil defense during the restoration of power grids                                     | Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations"  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://viv.prom.ua/p14642313-05-dizelnyja-elektrostantsiya-90b.html?&amp;primelead=My45">https://viv.prom.ua/p14642313-05-dizelnyja-elektrostantsiya-90b.html?&amp;primelead=My45</a>   | Energy PlusEner LLC Melnychenko 1a, Kyiv, Ukraine tel. +380 (68) 581-88-11  | To ensure emergency power supply of critical infrastructure of the distribution system (base, DVEIM, LOC and power grid areas)         | To ensure emergency power supply of critical infrastructure of the distribution system (base, DVEIM, LOC and power grid areas)   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://avpharma.com.ua/apteka-taktychna-individualna-av-farma/">https://avpharma.com.ua/apteka-taktychna-individualna-av-farma/</a>   | AB "PHARMA" Kyiv, street Academician Tupolev, 19, +38 (044) 400-59-23   | To provide first aid to non-military civil defense formations during the restoration of power grids in an emergency or military action | Currently, non-military civil defense formations are not provided with first aid kits. In the case of combat missions (martial law) it is necessary to provide emergency teams to provide first aid. Order of the Khmelnytsky Regional State Administration dated 31.05.2018 № 488/2018-R "On the formation of civil defense formations"   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://euroservis.com.ua/ogne-tushitel-uglekislotnyj-ou-40-vognegaznik-vuglekislotnijj-vyk-28-000013459.html/">https://euroservis.com.ua/ogne-tushitel-uglekislotnyj-ou-40-vognegaznik-vuglekislotnijj-vyk-28-000013459.html/</a>   | "EUROSERVICE" FIRE UNION Kyiv, st. Elena Teligi, 4 t.044 360-96-20  | To fight and prevent fires   | 110/35 kV substations with oil-filled equipment are not equipped with fire extinguishers of this type. Annex 11 Order of the Ministry of Internal Affairs of Ukraine №25 of January 15, 2018 "Rules of operation of fire extinguishers. Standards of affiliation"  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html">https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html</a>   | LLC Kyivguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127, Brovary tel. +380 (67) 411-43-39  | For individual protection of personnel when performing electrical work   | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html">https://kievguma.com.ua/ua/p1237983827-boty-dielektricheskie-322.html</a>   | LLC Kyivguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127, Brovary tel. +380 (67) 411-43-39  | For individual protection of personnel when performing electrical work   | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/uk-azateli-napriazhenia-kontaktnogo-tipa-s-kombinirovannoi-indikaciej-jekivolta-6-20k-i-jekivolta-20-35k-bez-vstroennogo-istochnika-jelektroptanija/">http://ekipage.com/product/uk-azateli-napriazhenia-kontaktnogo-tipa-s-kombinirovannoi-indikaciej-jekivolta-6-20k-i-jekivolta-20-35k-bez-vstroennogo-istochnika-jelektroptanija/</a> | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work   | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities. |

|  |                   |        |            |   |   |  |   |
|--|-------------------|--------|------------|---|---|--|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/uk-azateli-naprizheniya-kontaktirovaniya-dlya-1-kv-jektest/">http://ekipage.com/product/uk-azateli-naprizheniya-kontaktirovaniya-dlya-1-kv-jektest/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://ekipage.com/product/zazemleniya-perenosnye-dlya-vozdushnyh-linij-zpl/">http://ekipage.com/product/zazemleniya-perenosnye-dlya-vozdushnyh-linij-zpl/</a>   | TG Crew 61001 Kharkiv, GSP, st. Enakievskaya, 4 t. + 380 67 546-68-06   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.livo.lviv.ua/product/on-left/instrumenti-sip/zazemlennya-perenosne-0-4-kv-dlya-izolovanih-provodiv">http://www.livo.lviv.ua/product/on-left/instrumenti-sip/zazemlennya-perenosne-0-4-kv-dlya-izolovanih-provodiv</a>       | Lviv Insulation Ltd. 79035 Ukraine, Lviv, st. Pimonenko, 3 t. +38 (032) 270-34-46   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://1level.com.ua/catalog/povysha-lyamochnyye-kombinirovannye-povysha-lyamochnyye-kombinirovannyye-plk4.html">https://1level.com.ua/catalog/povysha-lyamochnyye-kombinirovannye-povysha-lyamochnyye-kombinirovannyye-plk4.html</a> | Plant Vertical 08400, Kiev region, Pereyaslav, st. Heroes of the Dnieper, 48 t. +38 (04567) 3-73-51                           | For individual protection of personnel when performing electrical work | To protect workers from falling from a height during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities. |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://1level.com.ua/catalog/lazy-montyerskie-kogti-gaffy/lm-3u-ship-terdosplavnyy.html">https://1level.com.ua/catalog/lazy-montyerskie-kogti-gaffy/lm-3u-ship-terdosplavnyy.html</a>   | Plant Vertical 08400, Kiev region, Pereyaslav, st. Heroes of the Dnieper, 48 t. +38 (04567) 3-73-51                           | For individual protection of personnel when performing electrical work | To perform work at height for workers during the elimination of technological violations in the networks of the SRF for the period of hostilities. The Ukrainian manufacturer has stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ziminfo.com/stremvanki.html#anchor">https://ziminfo.com/stremvanki.html#anchor</a>   | LLC "Insulation Equipment Plant" 27500 Ukraine, Kirovograd region, Svetlovodsk, st. Komsomolskaya, 40 t. + 38 (066) 396-71-61 | For individual protection of personnel when performing electrical work | For employees to perform work at heights during the elimination of technological violations in the networks of the SRF for the period of hostilities. Currently, the provision of teams is 70%. The Ukrainian manufacturer has stopped its production due to hostilities.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/nabor-otvertok-montero-mn-20630.html">https://epicentrk.ua/ua/shop/nabor-otvertok-montero-mn-20630.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological violations on the SRF equipment during hostilities. The Ukrainian manufacturer has stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/forar-prozhektornyy-grilland-zk2129-cherunnyy.html">https://epicentrk.ua/ua/shop/forar-prozhektornyy-grilland-zk2129-cherunnyy.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | For the elimination of technological violations in the networks of the SRF in the dark for the period of hostilities. Currently, the supply of crews is 50%. The Ukrainian supplier stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/ochishchayushcheye-delta-plus-galerei.html">https://epicentrk.ua/ua/shop/ochishchayushcheye-delta-plus-galerei.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | Personal protective equipment for use by employees during operational switching and restoration work in SRF networks for the period of hostilities. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian supplier stopped its production due to hostilities.     |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://epicentrk.ua/ua/shop/kaski-delta-plus-quar1ja.html">https://epicentrk.ua/ua/shop/kaski-delta-plus-quar1ja.html</a>   | Epicenter LLC Khmelnytskyi, street Zarichanska, 11/4 tel. 0382 78 47 67   | For individual protection of personnel when performing electrical work | Personal protective equipment for use by workers during work at height, operational switching and restoration work in the SRF networks for the period of hostilities. Currently, the provision of teams is 80%. The Ukrainian manufacturer has stopped its production due to hostilities.   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://kievguma.com.ua/ua/p1237-983828-kovrik-dielektricheskij-500x500.html">https://kievguma.com.ua/ua/p1237-983828-kovrik-dielektricheskij-500x500.html</a>   | LLC Kyivguma Ukraine, Kyiv region, Brovary, street O.Onikienko (Kutuzova), 127, Brovary tel. +380 (67) 411-43-39              | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological disruptions in the networks of the SRF for the period of hostilities. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency recovery work. The Ukrainian manufacturer has stopped production due to hostilities.        |

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|-------------------|--------|------------|---|--|--|--|
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.bucvarna.com.ua/zasobi-individual-nogo-zakhistu-viz/#robochil-odlag">https://www.bucvarna.com.ua/zasobi-individual-nogo-zakhistu-viz/#robochil-odlag</a>   | Private individual entrepreneur "Zhybrzhytskyi" 61/1 Prospekt Myru, Khmelnytskyi, Khmelnytska, 29000 t. 0382 712 132 | For individual protection of personnel when performing electrical work                                 | To protect workers during emergency recovery work to clear the routes of air lines of the SRF networks from fallen trees during hostilities and natural disasters. Currently, the need is 50%. The Ukrainian supplier has suspended supplies due to hostilities.               |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g-oil-transformers">https://uea.com.ua/product/tm-g-oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (uea.com.ua)  | To meet the own needs of 110/35 / 10kV substations   | For the reserve of transformers of own needs 110-35 kV substations 35-kV substation 110-kV substation Starokostiantyniv, Gorodok substation 110, Chemerivtsi 110-kV substation, 110 kV Crystal substation, Crystal substation, 110 kV Gorodskaya substation                    |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/tm-g-oil-transformers">https://uea.com.ua/product/tm-g-oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (uea.com.ua)  | To meet the own needs of 110/35 / 10kV substations   | For the reserve of transformers of own needs of 110-35 kV substations 110-kV substation "Pivdenna" 110-kV substation "ZLMK", 110-kV substation "Derazhnya"   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a>   | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side  | for switching in electric circuits of 10 kV, 110 kV substation Izyaslav, 110 kV substation Zarichchya, 110 kV substation South   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a>   | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side  | for switching in electric circuits of 10 kV. Substation-110 "KhZTP", Substation-110 kV "Vinkivtsi", Substation-110 kV "Netishyn"   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ua/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a>   | RZVA Rivne, street White, 16   | To provide 110/35/10 kV on the 10 kV side  | for switching in electric circuits of 10 kV, 110 kV Substation "Airport", 110 Central Central Substation, 110 kV Substation Krasyliv, 110 Volochysk Substation 110 110 Yarmolyntsi Substation  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.foxtrot.com.ua/ru/shop/noutbuk_i_novo_thinkpad-e15-20r001ert.html">https://www.foxtrot.com.ua/ru/shop/noutbuk_i_novo_thinkpad-e15-20r001ert.html</a>   | LLC "LENOVO UKRAINE"   | For the operational work of the employee   | To ensure the operational and mobile work of workers in martial law and emergencies  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.moyo.ua/printer-lazernyy-canon-i-sensys-lbp226dw-c-wi-fi/463985.html">https://www.moyo.ua/printer-lazernyy-canon-i-sensys-lbp226dw-c-wi-fi/463985.html</a>   | Canon Ukraine LLC  | For printing documents   | For printing documents   |
| Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/p1136052858-broneshlem-kevarovyi-kaska.html">https://prom.ua/p1136052858-broneshlem-kevarovyi-kaska.html</a>   | ARMY   | To protect personnel when performing work during hostilities   | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
| Emergency reserve | Urgent | 01.04.2022 | <a href="https://pancer.com.ua/bron/bronexhilet-4-klass-zashity-disi">https://pancer.com.ua/bron/bronexhilet-4-klass-zashity-disi</a>   | Pancer Protection  | To protect personnel when performing work during hostilities   | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://rehamed.in.ua/portativnyy-avtomaticheskiy-narugniy-defibrillator-powerheart-aed-g3-pro-uk.html">https://rehamed.in.ua/portativnyy-avtomaticheskiy-narugniy-defibrillator-powerheart-aed-g3-pro-uk.html</a>   | LLC Medtekhnik, Kyiv, Naberezhno-Korchuvatska str., 14 (063) 360-22-13   | For individual protection of personnel when performing electrical work                                 | For resuscitation of employees of the Company. Currently, JSC "Khmelniitskoblenergo" is not equipped with any such device.   |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://ortosalon.ua/ua/medicynska-aptechka-pervol-pomoshhi-proizvodstvennaya-mobil2eaid-CwKCAJaoeRBUjEwAY3nDBU121PLT77aIe75nHw55Ou2oBRU1k_XuJkWiCop">https://ortosalon.ua/ua/medicynska-aptechka-pervol-pomoshhi-proizvodstvennaya-mobil2eaid-CwKCAJaoeRBUjEwAY3nDBU121PLT77aIe75nHw55Ou2oBRU1k_XuJkWiCop</a> | Pharmedalliance st. Serhiy Yesenina, 1, Kyiv, Ukraine +380 (95) 312-45-85  | To provide first aid to staff during the restoration of electrical networks                            | To provide home care to employees in case of possible injuries during the elimination of technological violations in the SRF networks. Currently, the staff of JSC "Khmelniitskoblenergo" is not sufficiently provided with first aid due to lack of medicines from suppliers. |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016">https://patriotshop.com.ua/ua/dzhut-turniket-krovospinnij-spas-2016</a>   | Online stores "PATRIOT"  | To provide first aid to non-military formations of civil defense during the restoration of power grids | Formation of civil defense (emergency brigades) is not provided with the specified means for the period of hostilities   |

|  |                   |        |            |   |  |                                      |  |
|--|-------------------|--------|------------|---|--|--------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/ac/as_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/ac/as_50/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/ac/as_50/)         | Repair of 10 kV electrical networks  | For the repair of 5.58 km of damaged sections of the 10 kV OHL         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> | TDV "Khmelnitskyzalibeton", Khmel'nitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni) | Repair of 10 kV electrical networks  | For repair of 25 km of damaged sections of 10 kV OHL and 0.4 kV OHL    |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://volten.com.ua/p14698045-izolyator-shf.html">https://volten.com.ua/p14698045-izolyator-shf.html</a>   | LLC NPP "Volten", 39 Svobody St., Slavyansk, Ukraine   | Repair of 10 kV electrical networks  | For the repair of 12 km of damaged sections of the 10 kV overhead line |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_50/">https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_50/</a>     | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_50/)           | Repair of 0.4 kV electrical networks | For the repair of 6.7 km of damaged sections of the 0.4 kV OHL         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_35/">https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_35/</a>     | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovann/ie/a/a_35/)           | Repair of 0.4 kV electrical networks | For the repair of 8.4 km of damaged sections of the 0.4 kV OHL         |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni">https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni</a> | TDV "Khmelnitskyzalibeton", Khmel'nitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconcretes/stoyaki-zalibetonni-poperedno-napruzheni) | Repair of 0.4 kV electrical networks | For the repair of 26.6 km of damaged sections of the 0.4 kV OHL        |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-10">https://www.zka.com.ua/page/mufta-kntp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-10">https://www.zka.com.ua/page/mufta-kvtp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-10">https://www.zka.com.ua/page/mufta-kvtp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-pkvtp-6-10">https://www.zka.com.ua/page/mufta-pkvtp-6-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-pkvtp-6-10">https://www.zka.com.ua/page/mufta-pkvtp-6-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-10">https://www.zka.com.ua/page/mufta-stp-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)  | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines  |

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|--|-------------------|--------|------------|---|---|--------------------------------------|---|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-1pkvt-10">https://www.zka.com.ua/page/mufta-1pkvt-10</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 10 kV electrical networks  | For repair of 10 kV cable lines                 |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://ukrprovod.com.ua/kabel-provod/aluminievyy-kabel-aajl">https://ukrprovod.com.ua/kabel-provod/aluminievyy-kabel-aajl</a>                                 | Kyiv, Osvoboditeley Ave., 3A, bldg. 3, of. 63   | Repair of 10 kV electrical networks  | For repair of 0.36 km of 10 kV cable lines      |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For repair of 0.36 km of 10 kV cable lines      |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.08 km of 10 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For the repair of 2.4 km of 10 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.8 km of 10 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For the repair of 1.2 km of 10 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/</a>                   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 10 kV electrical networks  | For repair of 0.24 km of 10 kV cable lines      |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-1">https://www.zka.com.ua/page/mufta-kntp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.zka.com.ua/)                                   | Repair of 0.4 kV electrical networks | For repair of 0.4 kV cable lines                |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x120/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x120/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 0.4 kV electrical networks | For the repair of 3.6 km of 0.4 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x95/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x95/</a>   | Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru/production/catalog/neizolirovannye/ac/) | Repair of 0.4 kV electrical networks | For the repair of 1.44 km of 0.4 kV cable lines |

|  |                   |        |            |   |   |                                       |  |
|--|-------------------|--------|------------|---|---|---------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x70/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x70/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/</a> ) | Repair of 0.4 kV electrical networks  | For the repair of 1.56 km of 0.4 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x50/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x50/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/</a> ) | Repair of 0.4 kV electrical networks  | For the repair of 1.56 km of 0.4 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x35/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x35/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/</a> ) | Repair of 0.4 kV electrical networks  | For repair of 0.6 km of 0.4 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x25/">https://energoprom.net.ua/ru/production/catalog/silovie/pvh/svvg/svvg_4x25/</a> | Cable plant "Energoprom", Dnipro, street Production, 14 ( <a href="https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/">https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/</a> ) | Repair of 0.4 kV electrical networks  | For repair of 0.36 km of 0.4 kV cable lines  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-stp-1">https://www.zka.com.ua/page/mufta-stp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kvtp-1">https://www.zka.com.ua/page/mufta-kvtp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://www.zka.com.ua/page/mufta-kntp-1">https://www.zka.com.ua/page/mufta-kntp-1</a>   | "Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. ( <a href="https://www.zka.com.ua/">https://www.zka.com.ua/</a> )   | Repair of 0.4 kV electrical networks  | For repair of 0.4 kV cable lines   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of electric networks 10-0.4 kV | To reserve a 63 kVA transformer during martial law   |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of electric networks 10-0.4 kV | To reserve a 100 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of electric networks 10-0.4 kV | To reserve a 160 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of electric networks 10-0.4 kV | To reserve a 250 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of electric networks 10-0.4 kV | To reserve a 400 kVA transformer during martial law  |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-g">https://uea.com.ua/product/ks-g</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 ( <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a> )                                     | Repair of 10 kV electrical networks   | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law |

|                   |        |            |   |   |                                      |  |
|-------------------|--------|------------|---|---|--------------------------------------|--|
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-9">https://uea.com.ua/product/ks-9</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/category/s/oil-transformers)  | Repair of 10 kV electrical networks  | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/ks-9">https://uea.com.ua/product/ks-9</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/category/s/oil-transformers)  | Repair of 10 kV electrical networks  | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/product/pa-neli-raspredelitelnih-schitov-scho">https://uea.com.ua/product/pa-neli-raspredelitelnih-schitov-scho</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/category/s/oil-transformers)  | Repair of 0.4 kV electrical networks | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-605-63-3r-63a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-605-63-3r-63a/</a>       | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-1005-100-3r-100a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-1005-100-3r-100a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-160-3r-160a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-160-3r-160a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-200-3r-200a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-200-3r-200a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-250-3r-250a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-2505-250-3r-250a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-4005-400-3r-400a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-4005-400-3r-400a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-6305-630-3r-630a/">https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/silovoye-avtomaticheskij-vyklyuchatel-e-industrial-ukm-6305-630-3r-630a/</a> | LLC "Electrical Company E-NEXT-UKRAINE", Vysheve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/silo-vye-avtomaticheskije-vyklyuchateli-v-litom-korpuse/) | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531668-rublinik-rps-250a.html">https://electrolend.com.ua/ua/p124531668-rublinik-rps-250a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31  | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
| Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124531725-rublinik-rps-400a.html">https://electrolend.com.ua/ua/p124531725-rublinik-rps-400a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31  | Repair of 0.4 kV electrical networks | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |

|  |                   |        |            |   |  |                                       |  |
|--|-------------------|--------|------------|---|--|---------------------------------------|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p124530686-rublinik-rpb-630a.html">https://electrolend.com.ua/ua/p124530686-rublinik-rpb-630a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398638-rublinik-rpb-1000a.html">https://electrolend.com.ua/ua/p689398638-rublinik-rpb-1000a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://electrolend.com.ua/ua/p689398729-rublinik-rpb-1600a.html">https://electrolend.com.ua/ua/p689398729-rublinik-rpb-1600a.html</a>   | "Electroland" Novobilichi, Kyiv, Ukraine +380 (97) 658-62-31   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://zyabkin.com.ua/viklyuchatel-razedinitel-re19-41-31150-00-uh13-nva-korenevo-2031150032/p202456/">https://zyabkin.com.ua/viklyuchatel-razedinitel-re19-41-31150-00-uh13-nva-korenevo-2031150032/p202456/</a> | "zyabking" Zaporozhye, Bryanskaya St., 10  | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/list">https://vikant.com.ua/ua/catalog/list</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)                                     | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/uplovaia_stal">https://vikant.com.ua/ua/catalog/uplovaia_stal</a>   | LLC "FIRMA VIKANT", Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/uplovaia_stal">https://vikant.com.ua/ua/catalog/uplovaia_stal</a>   | LLC "FIRMA VIKANT", Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1  | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/krugl">https://vikant.com.ua/ua/catalog/krugl</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)                                     | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/krugl">https://vikant.com.ua/ua/catalog/krugl</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675)                                     | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://vikant.com.ua/ua/catalog/strip">https://vikant.com.ua/ua/catalog/strip</a>   | VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/24942675) (https://opendatabot.ua/c/24942675) | Repair of electric networks 10-0.4 kV | For reserving materials and equipment of electrical networks with a voltage of 0.4-10 kV, during martial law       |
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categories/oil-transformers)                                | Repair of electric networks 10-0.4 kV | To reserve a 630 kVA transformer during martial law  |



|  |                   |        |            |   |   |   |  |
|--|-------------------|--------|------------|---|---|---|--|
|  | Emergency reserve | Urgent | 01.05.2022 | <a href="https://uea.com.ua/categories/oil-transformers">https://uea.com.ua/categories/oil-transformers</a>   | LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categories/oil-transformers)  | Repair of electric networks 10-0.4 kV   | To reserve a 1000 kVA transformer during martial law   |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://www.okko.ua/fuels">https://www.okko.ua/fuels</a>   | OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryi district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="http://ukravtogaz.com/more/prodny-gaz-metan.html">http://ukravtogaz.com/more/prodny-gaz-metan.html</a>   | EKOTRANSNGAZ LLC Ukraine, 58032, Chernivtsi region, Chernivtsi city, STREET SOUTH RING, house 37  | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/106462149/p106462149/">https://rozetka.com.ua/ua/106462149/p106462149/</a>   | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://rozetka.com.ua/ua/127376477/p127376477/">https://rozetka.com.ua/ua/127376477/p127376477/</a>   | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/ua/p893624683-maslo-motornoje-dizelnoe.html">https://prom.ua/ua/p893624683-maslo-motornoje-dizelnoe.html</a>   | EURO OIL GROUP IMPORT LLC Ukraine, 29010 Khmelnytskyi, street Chornovola 41/2 mob: 067-542-27-77  | To provide vehicles                     | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://zkz.ua/uk/unwires">http://zkz.ua/uk/unwires</a>   | PJSC "Zaporizhzhya Cable Plant"   | To provide 110-35 kV transmission lines | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://zkz.ua/uk/unwires">http://zkz.ua/uk/unwires</a>   | PJSC "Zaporizhzhya Cable Plant"   | To provide 110-35 kV transmission lines | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://zkz.ua/uk/unwires">http://zkz.ua/uk/unwires</a>   | PJSC "Zaporizhzhya Cable Plant"   | To provide 110-35 kV transmission lines | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://zkz.ua/uk/unwires">http://zkz.ua/uk/unwires</a>   | PJSC "Zaporizhzhya Cable Plant"   | To provide 110-35 kV transmission lines | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035">https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035</a>   | Slavenergoprom LLC  | For emergency recovery work             | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035">https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035</a>   | Slavenergoprom LLC  | For emergency recovery work             | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035">https://slavenergoprom.business-guide.com.ua/products/unit?pid=182035</a>   | Slavenergoprom LLC  | For emergency recovery work             | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimsysoedinitelnye-plashechnye-pa/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimsysoedinitelnye-plashechnye-pa/</a> | LLC "Alit"  | For emergency recovery work             | For emergency recovery work  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimsysoedinitelnye-plashechnye-pa/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimsysoedinitelnye-plashechnye-pa/</a> | LLC "Alit"  | For emergency recovery work             | For emergency recovery work  |

|  |             |        |            |   |                               |   |                             |
|--|-------------|--------|------------|---|-------------------------------|---|-----------------------------|
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-soedinitelnye-plashechnye-pa/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-soedinitelnye-plashechnye-pa/</a>   | LLC "Alit"                    | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/</a>   | LLC "Alit"                    | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/</a>   | LLC "Alit"                    | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/">https://alit.com.ua/armatura-linejnaya/armatura-soedinitelnaya/zazhimi-ovalnye/</a>   | LLC "Alit"                    | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://new.abb.com/se/om-abb/kontakt">https://new.abb.com/se/om-abb/kontakt</a>   | ABB +46 (0) 21 32 5000        | To provide 110/35/10 kV substation                    | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.rzva.ua/ru/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-35-kv_1472639116/vr35nsm_1472639653.htm">http://www.rzva.ua/ru/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-35-kv_1472639116/vr35nsm_1472639653.htm</a> | Concern "High Voltage Union"  | To provide 110/35/10 kV substation                    | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.rzva.ua/ru/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm">http://www.rzva.ua/ru/produkcija/komutacini-aparati_1472639412/vakuumni-vimikachi-10-kv_1472639305/vr3_1472639227.htm</a>         | Concern "High Voltage Union"  | To provide 110/35/10 kV on the 10 kV side             | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/company/">http://www.ztr.ua/ua/company/</a>   | PIJC "Zaporizhttransformator" | To provide 110/35/10 kV substation on the 110 kV side | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/company/">http://www.ztr.ua/ua/company/</a>   | PIJC "Zaporizhttransformator" | To provide 110/35/10 kV substation on the 110 kV side | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/company/">http://www.ztr.ua/ua/company/</a>   | PIJC "Zaporizhttransformator" | To provide 110/35/10 kV substation on the 110 kV side | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/company/">http://www.ztr.ua/ua/company/</a>   | PIJC "Zaporizhttransformator" | To provide 110/35/10 kV substation on the 110 kV side | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://www.ztr.ua/ua/company/">http://www.ztr.ua/ua/company/</a>   | PIJC "Zaporizhttransformator" | To provide 110/35/10 kV substation on the 110 kV side | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprovod.com.ua/kabel_provod/neizolirovannyj_provod_as">https://ukrprovod.com.ua/kabel_provod/neizolirovannyj_provod_as</a>   | UkrProvod company             | Repair of 0.4 kV electrical networks                  | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprovod.com.ua/kabel_provod/neizolirovannyj_provod_as">https://ukrprovod.com.ua/kabel_provod/neizolirovannyj_provod_as</a>   | UkrProvod company             | Repair of 0.4 kV electrical networks                  | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://meganom.kiev.ua">https://meganom.kiev.ua</a>   | MEGANOM UKRAINE LLC           | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://meganom.kiev.ua">https://meganom.kiev.ua</a>   | MEGANOM UKRAINE LLC           | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://master-a.com.ua/izoljator-shf-20-s-kolpachkami-6472">https://master-a.com.ua/izoljator-shf-20-s-kolpachkami-6472</a>   | LLC EXPERT ENERGO             | For emergency recovery work                           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://master-a.com.ua/izoljator-shf-20-s-kolpachkami-6473">https://master-a.com.ua/izoljator-shf-20-s-kolpachkami-6473</a>   | LLC EXPERT ENERGO             | For emergency recovery work                           | For emergency recovery work |

|  |             |        |            |   |          |  |                             |
|--|-------------|--------|------------|---|----------|--|-----------------------------|
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a> | ELIZ LLC | Repair of electric networks<br>10-0.4 kV | For emergency recovery work |

|  |             |        |            |   |                  |                                       |                             |
|--|-------------|--------|------------|---|------------------|---------------------------------------|-----------------------------|
|  | Restoration | Urgent | 01/05/2022 | <a href="http://ua.eliz.zp.ua/transformators-power/">http://ua.eliz.zp.ua/transformators-power/</a>   | ELIZ LLC         | Repair of electric networks 10-0.4 kV | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.ua-region.com.ua/31555656">https://www.ua-region.com.ua/31555656</a>   | CJSC "ELTECHCOM" | For emergency recovery work           | emergency work              |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://sicame.ua/index.php?route=product/product&amp;product_id=687">https://sicame.ua/index.php?route=product/product&amp;product_id=687</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://sicame.ua/zatiskach_ankernij_guko1">https://sicame.ua/zatiskach_ankernij_guko1</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://www.sicame.com.ua/productsiya/armatura-dlya-sip-0-4-kv/soedinitelnaya-armatura/otvetvitelnyj-zahim-sdvustoronnim-prokalyvaniem-izolyatsii-12013-06-13-10-52-29-4-5-9-11-12-15-19-202013-06-13-12-54-26-25-272013-06-13-13-09-49-31-332013-06-13-21-07-53-40-42-45-62-detail.html">https://www.sicame.com.ua/productsiya/armatura-dlya-sip-0-4-kv/soedinitelnaya-armatura/otvetvitelnyj-zahim-sdvustoronnim-prokalyvaniem-izolyatsii-12013-06-13-10-52-29-4-5-9-11-12-15-19-202013-06-13-12-54-26-25-272013-06-13-13-09-49-31-332013-06-13-21-07-53-40-42-45-62-detail.html</a> | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://sicame.ua/index.php?route=product/product&amp;product_id=645">https://sicame.ua/index.php?route=product/product&amp;product_id=645</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://electrica-shop.com.ua/ua/p20245-zyednuvalnij_zatiskach_mjpt_50_sicame_presovaniy">https://electrica-shop.com.ua/ua/p20245-zyednuvalnij_zatiskach_mjpt_50_sicame_presovaniy</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra">https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra">https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra">https://electrica-shop.com.ua/ua/p20351-pidtrimuyuchiy_zatiskach_dlya_magistralnih_linij_16-120_mm-178_sicame_psp_122_tra</a>   | SICAME Ukraine   | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"     | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"     | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"     | For emergency recovery work           | For emergency recovery work |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"     | For emergency recovery work           | For emergency recovery work |

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|--|-------------|--------|------------|---|---|---|--|
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"  | For emergency recovery work   | For emergency recovery work  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://quartz.zp.ua">https://quartz.zp.ua</a>   | LLC "quartz"  | For emergency recovery work   | For emergency recovery work  |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://001.com.ua/uk/avtomatych-nyy-vymykach-va88-33-3p-160a-35ka-iek">https://001.com.ua/uk/avtomatych-nyy-vymykach-va88-33-3p-160a-35ka-iek</a> | IEK Ukraine   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law   |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://001.com.ua/uk/avtomatych-nyy-vymykach-va88-33-3p-200a-35ka-iek">https://001.com.ua/uk/avtomatych-nyy-vymykach-va88-33-3p-200a-35ka-iek</a> | IEK Ukraine   | Repair of 0.4 kV electrical networks  | For the reservation of materials and equipment of electrical networks with a voltage of 0.4 kV, during martial law   |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://bk.berdyansk.biz">http://bk.berdyansk.biz</a>   | Berdiansk Plant of Reinforced Concrete Products LLC | Repair of 0.4 kV electrical networks  | emergency work   |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://bk.berdyansk.biz">http://bk.berdyansk.biz</a>   | Berdiansk Plant of Reinforced Concrete Products LLC | Repair of 10 kV electrical networks   | emergency work   |
|  | Restoration | Urgent | 01/05/2022 | <a href="http://bk.berdyansk.biz">http://bk.berdyansk.biz</a>   | Berdiansk Plant of Reinforced Concrete Products LLC | To provide 35 kV transmission lines   | emergency work   |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a>   | UKRPROFIT   | To provide communication during the restoration work of power grids   | Emergency and recovery crews of PJSC "ZAPORIZHZHIAOBLENERGO" are not provided with portable means of communication. For the organization of interaction and sustainable management during the implementation of tasks for the restoration of electricity supply in the absence of mobile and other communications. |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a>   | UKRPROFIT   | To ensure emergency power supply of critical infrastructure of the distribution system  | To ensure emergency power supply of critical infrastructure of the distribution system   |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a>   | UKRPROFIT   | To ensure emergency power supply of industrial, administrative facilities, ensuring the operation of construction, repair equipment and tools | To ensure emergency power supply of critical infrastructure of the distribution system   |

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|--|-------------|--------|------------|---|-----------|-----------------------------------|--|
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |

|  |             |        |            |   |           |                                   |  |
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|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |
|  | Restoration | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a> | UKRPROFIT | To ensure emergency recovery work | To ensure emergency recovery work of the distribution system operator's facilities |

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|  | Restoration       | Urgent | 01/05/2022 | <a href="https://ukrprofit.com.ua">https://ukrprofit.com.ua</a>   | UKRPROFIT  | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://meganom.kiev.ua">https://meganom.kiev.ua</a>   | MEGANOM UKRAINE LLC  | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://meganom.kiev.ua">https://meganom.kiev.ua</a>   | MEGANOM UKRAINE LLC  | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://www.krok-gt-zp.ua">http://www.krok-gt-zp.ua</a>   | LLC "Step GT"  | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="http://www.krok-gt-zp.ua">http://www.krok-gt-zp.ua</a>   | LLC "Step GT"  | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://www.starlink.com/">https://www.starlink.com/</a>   | <a href="https://www.starlink.com/">https://www.starlink.com/</a>                                      | For the organization of satellite Internet                          | Providing reliable access to the Internet in martial law and emergencies   |
|  | Restoration       | Urgent | 01/04/2022 | <a href="https://matari.ua/generator/dizelnye-generatory-40-kvt">https://matari.ua/generator/dizelnye-generatory-40-kvt</a>   | MATARI   | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/04/2022 | <a href="https://matari.ua/generator/dizelnye-generatory-8-kvt">https://matari.ua/generator/dizelnye-generatory-8-kvt</a>   | MATARI   | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://comtrade.ua/icom-ic-f16/">https://comtrade.ua/icom-ic-f16/</a>   | LLC "Comtrade" Kiev, st. Metropolitan Sheptytsky, 4, t. 044-239-26-56                                  | To provide communication during the restoration work of power grids | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://www.stihl.ua/stihl-produkte.aspx">https://www.stihl.ua/stihl-produkte.aspx</a>   | Kyiv, street Antonova, 10 p. Chaika Kyiv-Sviatoshynskiy district Kyiv region, 08135 Tel: 0 800 501 930 | To ensure emergency recovery work                                   | To ensure emergency recovery work of the distribution system operator's facilities   |
|  | Restoration       | Urgent | 01/04/2022 | 0   | LIVINE TRADING LLC (AVIAS)   | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | 0   | LIVINE TRADING LLC (AVIAS)   | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | 0   | LIVINE TRADING LLC (AVIAS)   | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | <a href="https://epicentrik.ua/shop/motorno-e-maslo-yuko-m-10dm-4820070240344-20-l.html">https://epicentrik.ua/shop/motorno-e-maslo-yuko-m-10dm-4820070240344-20-l.html</a> | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 tel. 0382 78 47 67                                 | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | not specified   | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 tel. 0382 78 47 68                                 | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | not specified   | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 tel. 0382 78 47 69                                 | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | not specified   | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 tel. 0382 78 47 70                                 | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |
|  | Restoration       | Urgent | 01/04/2022 | not specified   | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 tel. 0382 78 47 71                                 | To provide vehicles   | For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator |



|  |                   |        |            |   |  |   |  |
|--|-------------------|--------|------------|---|--|---|--|
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://polycar.com.ua/news/1486-avm-isuzuukr/">https://polycar.com.ua/news/1486-avm-isuzuukr/</a>   | SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borschchahivka village, Velyka Kiltseva Street 4-N. Phone (098) 55 111 55 | To ensure the transportation of line crews  | For transportation of employees of line crews on objects of the operator of distribution system  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://powertool.com.ua/protivog-azy-panoramnyy/4126-panoramnyj-protivogaz-ppm-88-s-filtrm-a2b2e2k2p3d-ammiak.html">https://powertool.com.ua/protivog-azy-panoramnyy/4126-panoramnyj-protivogaz-ppm-88-s-filtrm-a2b2e2k2p3d-ammiak.html</a> | PowerTool Company Ukraine Kharkiv, Akademika Pavlova St. tel. (066) 715 45 47  | To protect the respiratory organs of employees and personnel of non-military civil defense formations   | Currently, the needs of PJSC "Zaporizhzhyaoblenergo" in gas masks are met only by 50% (with the required amount of 100% for staff plus 5% reserve). Resolution of the Cabinet of Ministers of Ukraine of August 19, 2002 №1200 "On approval of the Procedure for providing the population and employees of formations and specialized civil protection services with personal protective equipment." |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://comtrade.ua/com-ic-f16/">https://comtrade.ua/com-ic-f16/</a>   | LLC "Comtrade" Kiev, st. Metropolitan Sheptytsky, 4, t. 044-239-26-56  | To ensure the connection of non-military formations of civil defense during the restoration of power grids  | Emergency and recovery crews of PJSC "Zaporizhzhyaoblenergo" are not provided with portable means of communication. For the organization of interaction and sustainable management during the implementation of tasks for the restoration of electricity supply in the absence of mobile and other communications.   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atr/">https://ks-power.com.ua/diesel-generators-heavy-duty/ks-14-1de-atr/</a>   | LLC "TECHNO TRADE KS" Kyiv, st. Electrotechnical, 47 t. + 38 (044) 290 57 50   | To ensure non-military formations of civil defense during the restoration of power grids  | To ensure emergency power supply of critical infrastructure of the distribution system   |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/">https://ks-power.com.ua/gasoline-ks-series-generators/ks-7000e/</a>   | LLC "TECHNO TRADE KS" Kyiv, st. Electrotechnical, 47 t. + 38 (044) 290 57 50   | To ensure non-military formations of civil defense during the restoration of power grids  | To ensure emergency power supply of critical infrastructure of the distribution system   |
|  | Restoration       | Urgent | 11/04/2022 | <a href="https://pancer.com.ua/bron/bronezhilet-4-klasa-zashity-disi">https://pancer.com.ua/bron/bronezhilet-4-klasa-zashity-disi</a>   | Pancer Protection  | To protect personnel when performing work during hostilities  | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html">https://prom.ua/p1136052858-broneshlem-kevlarovyi-kaska.html</a>   | ARMY   | To protect personnel when performing work during hostilities  | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
|  | Emergency reserve | Urgent | 01.04.2022 | <a href="https://epicentrk.ua/shop/terms-classic-1800-ml-up-underprice.html">https://epicentrk.ua/shop/terms-classic-1800-ml-up-underprice.html</a>   | Epicenter  | To protect personnel when performing work during hostilities  | Formation of civil defense (emergency crews and personnel of the distribution system operator) is not provided with the specified means for the period of hostilities  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://pan-sportsmen.com.ua/ua/p146911541-0-fonar-karmannyj-svetlodiodnyj.html">https://pan-sportsmen.com.ua/ua/p146911541-0-fonar-karmannyj-svetlodiodnyj.html</a>   | Online store "Pan Sportsman" Dnipro 32 Velyka Olivka str. M. Pokrovska, Dnipro, Ukraine tel. +380 (67) 226-67-99             | To ensure non-military formations of civil defense during the restoration of power grids  | To perform tasks to restore power supply in the dark.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://fireequipment.prom.ua/ua/p511119004-grupovij-akumulyatornij-ilhtar.html">https://fireequipment.prom.ua/ua/p511119004-grupovij-akumulyatornij-ilhtar.html</a>   | "FIRE EQUIPMENT" str. Serpova 11, Kyiv, Ukraine tel. +380 (96) 972-26-22   | To ensure non-military formations of civil defense during the restoration of power grids  | To perform tasks to restore power supply in the dark.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-suhpaj-pirjatin-sua_24_1-ru">https://www.gaydamak.com.ua/uk/ukrainskij-sutochnyj-suhpaj-pirjatin-sua_24_1-ru</a>   | Voyentorg "Haidamak" Kyiv, street Saksaganskogo 45 t. (073) 044-40-87  | To provide food for non-military formations of civil defense during the restoration of power grids  | To provide staff with food when performing emergency recovery work in the field  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://avpharma.com.ua/aptechka-taktichna-individualna-av-farma/">https://avpharma.com.ua/aptechka-taktichna-individualna-av-farma/</a>   | AB "PHARMA" Kyiv, street Academician Tupolev, 19, +38 (044) 400-59-23  | To provide first aid to non-military civil defense formations during the restoration of power grids in an emergency or military action  | Currently, non-military civil defense formations are not provided with first aid kits. In the case of combat missions (martial law) it is necessary to provide emergency teams to provide first aid.   |
|  | Emergency reserve | Urgent | 01/05/2022 | Individual anti-chemical package IPP 11: sale, price in Kiev. Antidotes from "PHARMEDALANS I PHARMACIES IN UKRAINE" - 208804043 (aptechki.in.ua)  | LLC "Pharmedalliance" st. Serhiy Yesenina, 1, Kyiv, Ukraine tel. +380 (44) 227-03-25   | For the prevention of skin-resorptive lesions by liquid-liquid poisonous and chemically hazardous substances through exposed areas of the skin, as well as for degassing these substances on human skin and clothing and tools of non-military civil defense formations during the restoration of power grids | Currently, non-military formations of civil defense are not provided with chemical packages. In case of performance of tasks in the conditions of application of drop-liquid poisonous and emergency-chemical dangerous substances it is necessary to provide emergency crews for performance of tasks in chemically polluted territories.   |

|  |                   |        |            |  |  |  |   |
|--|-------------------|--------|------------|--|--|--|---|
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/nabirovertok-montero-mn-20630.html">https://epicentrk.ua/ua/shop/nabirovertok-montero-mn-20630.html</a>  | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 1B tel. 0382 78 47 67 | For individual protection of personnel when performing electrical work | To protect workers from electric shock during the elimination of technological violations on the SRF equipment during hostilities. The Ukrainian manufacturer has stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/fonar-prozhektornyy-grilland-zk2129-chernyy.html">https://epicentrk.ua/ua/shop/fonar-prozhektornyy-grilland-zk2129-chernyy.html</a>  | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 1B tel. 0382 78 47 67 | For individual protection of personnel when performing electrical work | For the elimination of technological violations in the networks of the SRF in the dark for the period of hostilities. Currently, the supply of crews is 50%. The Ukrainian supplier stopped its production due to hostilities.  |
|  | Emergency reserve | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/ochki-zashchitnye-delta-plus-galervi.html">https://epicentrk.ua/ua/shop/ochki-zashchitnye-delta-plus-galervi.html</a>  | LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 1B tel. 0382 78 47 67 | For individual protection of personnel when performing electrical work | Personal protective equipment for use by employees during operational switching and restoration work in SRF networks for the period of hostilities. The need is caused by the lack of a defender of the meers, which is caused by their damage during their operation during the emergency recovery work. The Ukrainian supplier stopped its production due to hostilities. |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/shuru-pover-akkumulyatornyy-bosch-easydrill-1200-1-ak">https://epicentrk.ua/ua/shop/shuru-pover-akkumulyatornyy-bosch-easydrill-1200-1-ak</a>  | Epicenter LLC  | To ensure emergency recovery work                                      | To ensure emergency recovery work of the distribution system operator's facilities  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/perforator-bosch-pbh-2900-re-0603393122.html">https://epicentrk.ua/ua/shop/perforator-bosch-pbh-2900-re-0603393122.html</a>  | Epicenter LLC  | To ensure emergency recovery work                                      | To ensure emergency recovery work of the distribution system operator's facilities  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/bolgar-ka-uglovaya-shlifmashina-bosch-professional-gws-750-p-0601394121.html">https://epicentrk.ua/ua/shop/bolgar-ka-uglovaya-shlifmashina-bosch-professional-gws-750-p-0601394121.html</a>  | Epicenter LLC  | To ensure emergency recovery work                                      | To ensure emergency recovery work of the distribution system operator's facilities  |
|  | Restoration       | Urgent | 01/05/2022 | <a href="https://epicentrk.ua/ua/shop/invertor-svarochnyy-dwt-dwt-mma-200-i.html">https://epicentrk.ua/ua/shop/invertor-svarochnyy-dwt-dwt-mma-200-i.html</a>  | Epicenter LLC  | To ensure emergency recovery work                                      | To ensure emergency recovery work of the distribution system operator's facilities  |
|  | Emergency reserve | Urgent | 44652      | <a href="https://drive.google.com/file/d/1qpEZ5SHHfFeV0bjvYMTVx_H-scNpYQkgz/view?usp=sharing">https://drive.google.com/file/d/1qpEZ5SHHfFeV0bjvYMTVx_H-scNpYQkgz/view?usp=sharing</a><br><a href="https://tepsteel.com/en/assets/tehprom/files/manager_files/presentation_neo_Sheet">https://tepsteel.com/en/assets/tehprom/files/manager_files/presentation_neo_Sheet</a> | ?  | For installation of ditches during repair works on main gas pipelines  | For installation of ditches during repair works on main gas pipelines   |
|  | Emergency reserve | Urgent | 44652      | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com                      | For emergency elimination of small damages of gas pipelines            | For emergency elimination of small damages of gas pipelines   |
|  | Emergency reserve | Urgent | 44652      | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com                      | For emergency elimination of small damages of gas pipelines            | For emergency elimination of small damages of gas pipelines   |

|  |                   |        |       |  |   |   |   |
|--|-------------------|--------|-------|--|---|---|---|
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php">https://www.3xeng.com/UK/stopkit-emergency-repair-under-pressure-onshore-offshore.php</a>  | M. Hacen SLIMANI +336 18 17 67 93<br>hs@3xeng.com | For emergency elimination of small damages of gas pipelines | For emergency elimination of small damages of gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | <a href="https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing">https://drive.google.com/file/d/1mAbiPQ2EjksMyd01BuE7udc2ijwLDE/view?usp=sharing</a><br><a href="https://romacon.ru/wp-content/uploads/2020/05/petro.pdf">https://romacon.ru/wp-content/uploads/2020/05/petro.pdf</a>   | 0   | For emergency repair of significant damage to gas pipelines | For emergency repair of significant damage to gas pipelines |
|  | Emergency reserve | Urgent | 44652 | 1.<br><a href="https://www.lincolnelectric.com/ru/Equipment/Pages/product.aspx?product=K12039-1(LincolnElectric_EU_Base)">https://www.lincolnelectric.com/ru/Equipment/Pages/product.aspx?product=K12039-1(LincolnElectric_EU_Base)</a> 2.<br><a href="https://airpress.net/compressor-hl-425-50-8-bar-3-hp-314-i-min-50-i-36843">https://airpress.net/compressor-hl-425-50-8-bar-3-hp-314-i-min-50-i-36843</a> 3.<br><a href="https://www.mathey.com/pdf/manuals/Maxi%20Jolli%20Chain%20Machine%20P&amp;O.pdf">https://www.mathey.com/pdf/manuals/Maxi%20Jolli%20Chain%20Machine%20P&amp;O.pdf</a> 4. <a href="https://vinur.com.ua/ua/products/diesel-generators/hg-13-rc">https://vinur.com.ua/ua/products/diesel-generators/hg-13-rc</a> | 0   | For staffing of emergency repair crews of pipelines         | For staffing of emergency repair crews of pipelines         |
|  |                   |        | 0     | ?  | 0   |   | see in detail in "Equipment_detailed"                       |

|                   |        |       |   |   |   |  |  |
|-------------------|--------|-------|---|---|---|--|--|
|                   |        |       | 0   | ?   | 0 |  | see in detail in "Equipment_detailed"  |
|                   |        |       | 0   | ?   | 0 |  | 0  |
| Emergency reserve | Urgent | 44652 | <a href="https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab">https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab</a>   |   |   | For repairs of damaged sections of gas pipelines   | For repairs of damaged sections of gas pipelines   |
| Emergency reserve | Urgent | 44652 | <a href="https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab">https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab</a>   |   |   | For repairs of damaged sections of gas pipelines   | For repairs of damaged sections of gas pipelines   |
| Emergency reserve | Urgent | 44652 | <a href="https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab">https://svarka.kr.ua/svarochnye-materialy/elektrody-svarochnye/elektrody-dlya-uglerodistykh-i-trubnykh-stalei/elektrody-ok-5370-esab</a>   |   |   | For repairs of damaged sections of gas pipelines   | For repairs of damaged sections of gas pipelines   |
| Emergency reserve | Urgent | 44652 | <a href="https://ru.all.biz/elektrody-svarochnye-kessel-5520-mod-dlya-svarki-i-g3063722">https://ru.all.biz/elektrody-svarochnye-kessel-5520-mod-dlya-svarki-i-g3063722</a>   |   |   | For repairs of damaged sections of gas pipelines   | For repairs of damaged sections of gas pipelines   |
| Emergency reserve | Urgent | 44652 | <a href="http://tngs.com.ua/ru/content/pere-dvizhnaya-azotnaya-kompressorная-stanciya-paks-250">http://tngs.com.ua/ru/content/pere-dvizhnaya-azotnaya-kompressorная-stanciya-paks-250</a>   |   |   | To obtain an explosive gas mixture from the atmosphere (oxygen not more than 10%) when performing work on main gas pipelines, compressor stations. | To obtain an explosive gas mixture from the atmosphere (oxygen not more than 10%) when performing work on main gas pipelines, compressor stations. |
| Emergency reserve | Urgent | 44652 | <a href="http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf">http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf</a>   | LLC "Company" Active Alliance<br>"Address: st. Andriushchenko 4D, office 92 Kyiv, 01135, Ukraine<br>Phone: +38 044 386-71-00 +38 050 422-55-00 +38 050 399-55-00 e-mail: office@aau.com.ua    |   | To carry out repair work on the section of the gas pipeline under pressure   | To carry out repair work on the section of the gas pipeline under pressure   |
| Emergency reserve | Urgent | 44652 | <a href="http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf">http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf</a>   | LLC "Company" Active Alliance<br>"Address: st. Andriushchenko 4D, office 92 Kyiv, 01135, Ukraine<br>Phone: +38 044 386-71-00 +38 050 422-55-00 +38 050 399-55-00 e-mail: office@aau.com.ua    |   | To carry out repair work on the section of the gas pipeline under pressure   | To carry out repair work on the section of the gas pipeline under pressure   |
| Emergency reserve | Urgent | 44652 | <a href="http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf">http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf</a>   | LLC "Company" Active Alliance<br>"Address: st. Andriushchenko 4D, office 92 Kyiv, 01135, Ukraine<br>Phone: +38 044 386-71-00 +38 050 422-55-00 +38 050 399-55-00 e-mail: office@aau.com.ua    |   | To carry out repair work on the section of the gas pipeline under pressure   | To carry out repair work on the section of the gas pipeline under pressure   |
| Emergency reserve | Urgent | 44652 | <a href="http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf">http://www.aau.com.ua/ru/assets/content/documents/docs/%D0%9E%D0%B1%D0%B8%D1%80%D1%83%D0%B4%D0%BE%D0%B2%D0%B0%D0%BD%D0%88%D0%B5%20STOPPLE.pdf</a>   | LLC "Company" Active Alliance<br>"Address: st. Andriushchenko 4D, office 92 Kyiv, 01135, Ukraine<br>Phone: +38 044 386-71-00 +38 050 422-55-00 +38 050 399-55-00 e-mail: office@aau.com.ua    |   | To carry out repair work on the section of the gas pipeline under pressure   | To carry out repair work on the section of the gas pipeline under pressure   |
| Emergency reserve | Urgent | 44652 | <a href="http://s-status.com.ua/ua/osvitytvalni-obladnannya/osvitytvalna-machta-solaris-megastar-lite.html">http://s-status.com.ua/ua/osvitytvalni-obladnannya/osvitytvalna-machta-solaris-megastar-lite.html</a><br><a href="http://www.xdmat.com/product/UghingMast/2019-07-17/179.html">http://www.xdmat.com/product/UghingMast/2019-07-17/179.html</a><br><a href="https://nightsearcher.co.uk/en/category/site-lights/product/linkstar-twin.html">https://nightsearcher.co.uk/en/category/site-lights/product/linkstar-twin.html</a> | Company Status-C (044) 383-61-25<br><a href="http://s-status.com.ua/">http://s-status.com.ua/</a>   |   | For lighting during emergency repairs  | For lighting during emergency repairs  |
| Emergency reserve | Urgent | 44652 | <a href="https://vetter.de/branchenlosungen/nottaltpneumatik/hebekissen/s-tec-12-lifting-bags-12-bar/">https://vetter.de/branchenlosungen/nottaltpneumatik/hebekissen/s-tec-12-lifting-bags-12-bar/</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For lifting elements of gas pipelines and building structures during repair work   | For lifting elements of gas pipelines and building structures during repair work   |
| Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
| Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
| Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
| Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
| Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>   | LLC "WELDING TECHNOLOGIES" 31<br>Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine<br>+380 (50) 321-55-36<br><a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> |   | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |

|  |                   |        |       |   |  |  |  |
|--|-------------------|--------|-------|---|--|--|--|
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>                                 | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami">https://svartech.com.ua/g4071950-8-tsentratordvumya-tsepyami</a>                                 | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami">https://svartech.com.ua/g40499-159-ruchnojtseponoj-tsentratordvumya-tsepyami</a> | LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 <a href="mailto:svartech.com.ua@gmail.com">svartech.com.ua@gmail.com</a> | For centering of gas pipeline pipes during repair works  | For centering of gas pipeline pipes during repair works  |
|  | Emergency reserve | Urgent | 44652 | <a href="https://220volt.com.ua/generator-gazovij-generac-6260-8kw/">https://220volt.com.ua/generator-gazovij-generac-6260-8kw/</a>                                     | LLC "Komet-Electro" st. Baltac 4, of. 145B +38 044 344 63 98   | Providing backup power   | Providing backup power   |
|  | Emergency reserve | Urgent | 44682 | <a href="http://enrhottap.com/wp-content/uploads/2020/10/BRUCHU-RE-E320.pdf">http://enrhottap.com/wp-content/uploads/2020/10/BRUCHU-RE-E320.pdf</a>                     | ENR General Machining Co. 3725 W 49th Street Chicago IL, 60632 International Sales +1 (617) 800-7502   | To make inserts into the gas pipeline under pressure without stopping gas transportation   | To make inserts into the gas pipeline under pressure without stopping gas transportation   |
|  | Emergency reserve | Urgent | 44682 | <a href="https://www.lmf.at/business-areas/pipeline-evacuation/">https://www.lmf.at/business-areas/pipeline-evacuation/</a>   | Leobersdorfer Maschinenfabrik GmbH Suedbahnstrasse 28 A-2544 Leobersdorf Phone: +43 2256 9001-0 Fax: +43 2256 9002 New machine: sales@LMF.at   | Pumping of natural gas from the repair section of the gas pipeline to the operating part without discharging natural gas into the atmosphere during repair works | Pumping of natural gas from the repair section of the gas pipeline to the operating part without discharging natural gas into the atmosphere during repair works |
|  | Emergency reserve | Urgent | 44682 |   |  | To carry out work to reduce the level of groundwater during repair work in flooded and swampy soils.   | To carry out work to reduce the level of groundwater during repair work in flooded and swampy soils.   |
|  | Emergency reserve | Urgent | 44652 | ?   | Pietro Fiorentini, Valveitalia. Tartarini or similar   | Gas supply to consumers at the time of emergency recovery work on the main GDS   | Gas supply to consumers at the time of emergency recovery work on the main GDS   |
|  | Emergency reserve | Urgent | 44652 | ?   | Pietro Fiorentini, Valveitalia. Tartarini or similar   | Gas supply to consumers at the time of emergency recovery work on the main GDS   | Gas supply to consumers at the time of emergency recovery work on the main GDS   |

[illegible]



[illegible]



[illegible]

|  |  |  |          |   |   |  |   |
|--|--|--|----------|---|---|--|---|
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | 0        | ? | 0 |  | 0   |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | m. Kyiv; Mymnograd, Donetsk region;<br>Lysychansk, Luhansk region |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |
|  |  |  | Urgently | ? | 0 |  | Mymnograd, Donetsk region; Lysychansk,<br>Luhansk region          |



|  |  |  |         |   |   |  |                           |
|--|--|--|---------|---|---|--|---------------------------|
|  |  |  | 60 days | ? | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | ? | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 60 days | 0 | 0   |  | Myrnohrad, Donetsk region |
|  |  |  | 0       | 0 | ETD Transformers, PJSC "ZTR"  |  | 0                         |
|  |  |  | 0       | 0 | ETD Transformers. PJSC "ZTR"  |  | 0                         |
|  |  |  | 0       | 0 | ABB, Siemens  |  | 0                         |
|  |  |  | 0       | 0 | ABB, Siemens  |  | 0                         |
|  |  |  | 0       | 0 | ABB, Siemens  |  | 0                         |
|  |  |  | 0       | 0 | ABB, Siemens  |  | 0                         |
|  |  |  | 0       | 0 | ABB, Siemens  |  | 0                         |
|  |  |  | 0       | 0 | ABB   |  | 0                         |
|  |  |  | 0       | 0 | ABB   |  | 0                         |
|  |  |  | 0       | 0 | PJSC "Yuzhkabel Plant", PJSC<br>"Zaporozhye Cable Plant", PJSC<br>"AZOVKABEL", PJSC "Odeskabel",<br>LLC "Krok GT", LLC "EUROPAN", LLC<br>"ELIZ" |  | 0                         |
|  |  |  | 0       | 0 | PJSC "Yuzhkabel Plant", PJSC<br>"Zaporozhye Cable Plant", PJSC<br>"AZOVKABEL", PJSC "Odeskabel",<br>LLC "Krok GT", LLC "EUROPAN", LLC<br>"ELIZ" |  | 0                         |
|  |  |  | 0       | 0 | PJSC "Yuzhkabel Plant", PJSC<br>"Zaporozhye Cable Plant", PJSC<br>"AZOVKABEL", PJSC "Odeskabel",<br>LLC "Krok GT", LLC "EUROPAN", LLC<br>"ELIZ" |  | 0                         |
|  |  |  | 0       | 0 | PJSC "Yuzhkabel Plant", PJSC<br>"Zaporozhye Cable Plant", PJSC<br>"AZOVKABEL", PJSC "Odeskabel",<br>LLC "Krok GT", LLC "EUROPAN", LLC<br>"ELIZ" |  | 0                         |
|  |  |  | 0       | 0 | PJSC "Yuzhkabel Plant", PJSC<br>"Zaporozhye Cable Plant", PJSC<br>"AZOVKABEL", PJSC "Odeskabel",<br>LLC "Krok GT", LLC "EUROPAN", LLC<br>"ELIZ" |  | 0                         |

|  |  |  |   |   |   |  |   |
|--|--|--|---|---|---|--|---|
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | LLC Armit-Donbass, LLC PKF-<br>Energotechservice, LLC ALIT, LLC<br>PTK - VL Kit   |  | 0 |
|  |  |  | 0 | 0 | are not made in Ukraine, dual-use<br>products   |  | 0 |
|  |  |  | 0 | 0 | are not made in Ukraine, dual-use<br>products   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |
|  |  |  | 0 | 0 | LLC "ISOPLAST", LLC NPP "ES<br>Polymer", LLC<br>"SLAVENERGOPROM", SE "Research<br>Institute of High Voltages"   |  | 0 |
|  |  |  | 0 | 0 | LLC "ISOPLAST", LLC NPP "ES<br>Polymer", LLC<br>"SLAVENERGOPROM", SE "Research<br>Institute of High Voltages"   |  | 0 |
|  |  |  | 0 | 0 | LLC "ISOPLAST", LLC NPP "ES<br>Polymer", LLC<br>"SLAVENERGOPROM", SE "Research<br>Institute of High Voltages"   |  | 0 |
|  |  |  | 0 | 0 | LLC "ISOPLAST", LLC NPP "ES<br>Polymer", LLC<br>"SLAVENERGOPROM", SE "Research<br>Institute of High Voltages"   |  | 0 |
|  |  |  | 0 | 0 | Belotserkovsky plant of reinforced<br>concrete / Svitlovodsky plant of<br>reinforced concrete /<br>Novomoskovsk plant of reinforced<br>concrete (Reclamation) |  | 0 |
|  |  |  | 0 | 0 | Belotserkovsky plant of reinforced<br>concrete / Svitlovodsky plant of<br>reinforced concrete /<br>Novomoskovsk plant of reinforced<br>concrete (Reclamation) |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | SVK-94  |  | 0 |
|  |  |  | 0 | 0 | "Electrograd" Zaporozhye plant of<br>high-voltage Equipment   |  | 0 |
|  |  |  | 0 | 0 | Chernihiv cable, Intercable   |  | 0 |
|  |  |  | 0 | 0 | Chernihiv cable, Intercable   |  | 0 |
|  |  |  | 0 | 0 | Chernihiv cable, Intercable   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0 |

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|--|--|--|---|---|-------------------------------|--|---|
|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0   |
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|  |  |  | 0 | 0 | Lviv Insulation Company LLC   |  | 0   |
|  |  |  | 0 | 0 | ABB, Siemens, CHINT           |  | 0   |
|  |  |  | 0 | 0 | ABB, Siemens, CHINT           |  | 0   |
|  |  |  | 0 | 0 | ABB, Siemens, CHINT           |  | 0   |
|  |  |  | 0 | 0 | ABB, Siemens, CHINT           |  | 0   |
|  |  |  | 0 | 0 | Lviv Insulation Plant         |  | 0   |
|  |  |  | 0 | 0 | Khmelnysky Transformer Plant  |  | 0   |
|  |  |  | 0 | 0 | Khmelnysky Transformer Plant  |  | 0   |
|  |  |  | 0 | 0 | Khmelnysky Transformer Plant  |  | 0   |
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|  |  |  | 0 | 0 | Khmelnysky Transformer Plant  |  | 0   |
|  |  |  | 0 | 0 | China, Europe, North America. |  | For the repair of cable lines: drying-out of cables and installation of heat shrink sleeves. Lack of burners for emergency recovery teams to carry out work. Burners in difficult conditions quickly fail. There is no possibility of repair.   |
|  |  |  | 0 | 0 | China, Europe, North America. |  | Power supply to critical infrastructure during the power-fail recovery (hospitals, police stations, social facilities, control rooms and production sites of the system operators). During a shortage of electric power supply, critical infrastructure facilities do not perform their functions properly. Hospitals cannot provide quality treatment and care for the sick. Police stations do not fully carry out the fight against crime. Kindergartens and educational institutions do not carry out educational work. Food for children spoils in refrigerators and freezers. Dispatchers cannot fully manage the distribution network. When generators are connected, power is supplied as in normal everyday life |
|  |  |  | 0 | 0 | China, Europe, North America. |  | Power supply to critical infrastructure during the power-fail recovery (hospitals, police stations, social facilities, control rooms and production sites of the system operators). During a shortage of electric power supply, critical infrastructure facilities do not perform their functions properly. Hospitals cannot provide quality treatment and care for the sick. Police stations do not fully carry out the fight against crime. Kindergartens and educational institutions do not carry out educational work. Food for children spoils in refrigerators and freezers. Dispatchers cannot fully manage the distribution network. When generators are connected, power is supplied as in normal everyday life |

|  |  |  |   |   |                                    |  |   |
|--|--|--|---|---|------------------------------------|--|---|
|  |  |  | 0 | 0 | China, Europe, North America.      |  | Performance of assembly and dismantling of Equipment. The tool with intensive use quickly becomes unusable. Simultaneously a large number of teams perform work. The purchase is very difficult, deliveries are not carried out.                        |
|  |  |  | 0 | 0 | China, Europe, North America.      |  | With intensive use, they quickly fail. Without scissors, cutting is carried out with hand saws, which takes a lot of time and physical strength of the staff.   |
|  |  |  | 0 | 0 | China, Europe, North America.      |  | Needs for crimping end leads of wires, cables during restoration work. Break down with heavy use. Not repairable  |
|  |  |  | 0 | 0 | China, Europe, North America.      |  | Illumination of places where emergency and restoration work is carried out for the safety of workers and the quality of work. In severe conditions, they often fail and are damaged. Under military conditions, delivery from abroad is not carried out |
|  |  |  | 0 | 0 | China, Europe, North America.      |  | Ensuring communication between production teams and control centers in the absence of mobile communications in the area of hostilities and in the "gray" zone   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached.     |

|  |  |  |   |   |                                    |  |   |
|--|--|--|---|---|------------------------------------|--|---|
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Temporary supply of voltage and compressed air to the control systems of lifting machines to ensure the lifting of people from the mine in the case of a power outage, incl. stuck in the trunk in the lifting vessel. Specifications are attached. |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | For stitching belt conveyors involved in the transportation of coal.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | Cutting tool for shearers that perform coal mining work.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | Cutting tool for shearers that perform coal mining work.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | Cutting tool for shearers that perform coal mining work.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | Cutting tool for shearers that perform coal mining work.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | Cutting tool for shearers that perform coal mining work.  |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Germany, China, Poland, Europe     |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Necessary for coal enrichment for mines: participates in the technological process of coal enrichment for subsequent shipment of coal to thermal power plants.  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |



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|--|--|--|---|---|------------------------------------|--|---|
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For mine workings: fastening of mine workings   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Connecting link for traction chains of cleaning combines for coal mining.   |
|  |  |  | 0 | 0 | Europe                             |  | Fastening of stopes during coal mining  |
|  |  |  | 0 | 0 | Europe                             |  | Fastening of stopes during coal mining  |
|  |  |  | 0 | 0 | Europe                             |  | Fastening of stopes during coal mining  |
|  |  |  | 0 | 0 | Europe                             |  | Fastening of stopes during coal mining  |
|  |  |  | 0 | 0 | Europe, China                      |  | To replace worn elements on pumps when pumping water in a mine  |
|  |  |  | 0 | 0 | Europe, China                      |  | To replace worn elements on pumps when pumping water in a mine  |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Cutting tool for roadheaders that carry out workings for the input stops.   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Ensuring the safety of miners (personal lighting of mine workers)   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Tightening boards during mine workings for subsequent coal mining   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Tightening boards during mine workings for subsequent coal mining   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Tightening boards during mine workings for subsequent coal mining   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Water supply in fire fighting stations during mine workings, followed by coal mining.                             |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Water supply in fire fighting stations during mine workings, followed by coal mining.                             |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Means for respiratory protection of miners  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Drilling of anchors during mine workings and their fastening  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Equipping scraper conveyor chains for transporting coal during mining and tractor chains for coal mining combines |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Equipping scraper conveyor chains for transporting coal during mining and tractor chains for coal mining combines |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Equipping scraper conveyor chains for transporting coal during mining and tractor chains for coal mining combines |
|  |  |  | 0 | 0 | Europe, China, USA                 |  | Equipping scraper conveyor chains for transporting coal during mining and tractor chains for coal mining combines |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Equipping scraper conveyor chains for transporting coal during mining and tractor chains for coal mining combines |

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|--|--|--|---|---|------------------------------------|--|--|
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Mining Hardware repair tool  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Mining Hardware repair tool  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Mining Hardware repair tool  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Mining Hardware repair tool  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Mining Hardware repair tool  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of metal structures of lining sections in new coal mining faces   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of cable in mines for supplying voltage to coal mining Equipment  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of cable in mines for supplying voltage to coal mining Equipment  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of cable in mines for supplying voltage to coal mining Equipment  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Repair of cable in mines for supplying voltage to coal mining Equipment  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For the repair of mining Equipment (replacement in hydraulic systems)  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Assembly of powered roof supports for new coal mining faces. Replacement of failed lining sections in coal mining faces. |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Supply of compressed air to the mine to perform technological operations in coal mining                                  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Supply of compressed air to the mine to perform technological operations in coal mining                                  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Supply of compressed air to the mine to perform technological operations in coal mining                                  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Ensuring the operation of belt conveyors that transport coal.  |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | Floor roads, for organizing transport along the Equipment shaft, people on floor roads                                   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For strengthening the rock mass during clearing operations   |
|  |  |  | 0 | 0 | Poland, Turkey, China, USA, Europe |  | For strengthening the rock mass during clearing operations   |

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|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  | Restoration       | HeUrgent | 44682 |   |                                   | Ensuring the main technological process  | Ensuring the main technological process  |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Power supply in the conditions of long-term interruption of power supply   | Power supply in the conditions of long-term interruption of power supply   |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Lighting of emergency repair sites   | Lighting of emergency repair sites   |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Provision of communication in the conditions of damage of telecommunication networks and mobile communication networks | Provision of communication in the conditions of damage of telecommunication networks and mobile communication networks |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Ensuring the operation of computer equipment in conditions of unreliable power supply                                  | Ensuring the operation of computer equipment in conditions of unreliable power supply                                  |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Backup storage of information in local groups in the event of failure of corporate networks                            | Backup storage of information in local groups in the event of failure of corporate networks                            |
|  | Emergency reserve | Urgent   | 44652 | <a href="https://www.starlink.com/">https://www.starlink.com/</a>   | StarLink                          | Providing access to the Internet in the event of damage to telecommunications networks                                 | Providing access to the Internet in the event of damage to telecommunications networks                                 |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 | Provision of communication in the conditions of damage of telecommunication networks and mobile communication networks | Provision of communication in the conditions of damage of telecommunication networks and mobile communication networks |
|  | Emergency reserve | Urgent   | 44652 | 0   | 0                                 |  | 0  |
|  | Restoration       | Urgent   | 44652 | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | Wartsila SAS                      |  | 0  |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |
|  |                   |          | 0     | 0   | MICO Spol                         |  | 0  |
|  |                   |          | 0     | 0   | JSC "SMNVO-Engineering"           |  | 0  |
|  |                   |          | 0     | 0   | JSC "Summy plant" Nasosenergomash |  | 0  |
|  |                   |          | 0     | 0   | JSC "Summy plant" Nasosenergomash |  | 0  |
|  |                   |          | 0     | 0   | Universal Baltic Group            |  | 0  |
|  |                   |          | 0     | <a href="https://www.sfera.sk/en/products/xmtrade/description/">https://www.sfera.sk/en/products/xmtrade/description/</a> | JSC "Sphere"                      |  | Software for trading in electricity in the markets of neighboring countries  |
|  |                   |          | 0     | 0   | 0                                 |  | Equipment and software for electricity trading in the markets of neighboring countries.                                |
|  |                   |          | 0     | 0   | 0                                 |  | 0  |

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|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | Equipment and software for electricity trading in the markets of neighboring countries. |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | Application software for RRM functions.   |
|  |  |  | ? | ? | ? |  | Hardware and software to perform RRM functions.   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
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|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | ? | ? | ? |  | ?   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | ? | ? | ? |  | ?   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
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|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | 0 | 0 | 0 |  | 0   |
|  |  |  | ? | ? | ? |  | Equipment and software for the<br>implementation of the Natural Gas<br>Consumption Information Database |
|  |  |  | 0 | 0 | 0 |  | 0   |

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|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | 0  |
|  |  |  | 0 | 0                              | 0   |  | Additional equipment is needed to ensure the sustainable operation of the Central Electricity Market in the conditions of increasing the number of requests to verify the validity of imposed qualified electronic signatures and issued signatures. |
|  |  |  | 0 | 0                              | 0   |  | Additional equipment is needed to ensure the sustainable operation of the Central Electricity Market in the conditions of increasing the number of requests to verify the validity of imposed qualified electronic signatures and issued signatures. |
|  |  |  | 0 | 0                              | 0   |  | Additional equipment is needed to ensure the sustainable operation of the Central Electricity Market in the conditions of increasing the number of requests to verify the validity of imposed qualified electronic signatures and issued signatures. |
|  |  |  | 0 | Poland                         | P&GnIG  |  | 0  |
|  |  |  | 0 | Poland                         | P&GnIG  |  | 0  |
|  |  |  | 0 | Poland                         | P&GnIG  |  | 0  |
|  |  |  | 0 | Poland                         | P&GnIG  |  | 0  |
|  |  |  | 0 | Netherlands                    | Azko Nobel  |  | 0  |
|  |  |  | 0 | Germany                        | TWO HEALTH & NUTRITION GMBH   |  | 0  |
|  |  |  | 0 | Belgium                        | Delta Engineering   |  | 0  |
|  |  |  | 0 | Belgium                        | Delta Engineering   |  | 0  |
|  |  |  | 0 | Belgium                        | Delta Engineering   |  | 0  |
|  |  |  | 0 | Czech Republic, Germany, Italy | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0  |
|  |  |  | 0 | Czech Republic, Germany, Italy | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0  |
|  |  |  | 0 | Czech Republic, Germany, Italy | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0  |
|  |  |  | 0 | Czech Republic, Germany, Italy | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0  |

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|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
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|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Czech Republic, Germany, Italy  | Armatury Group, Czech MSA, Czech RMA Pipeline Equipment, Germany Breda Energia, Italy |  | 0                                  |
|  |  | 0      | Liebherr  | Germany   |  | 0                                  |
|  |  | 0      | Liebherr  | Germany   |  | 0                                  |
|  |  | 0      | MWM, Jenbacher  | Germany   |  | 0                                  |
|  |  | 0      | MWM, Jenbacher  | Germany   |  | 0                                  |
|  |  | 0      | MWM, Jenbacher  | Germany   |  | 0                                  |
|  |  | 0      | MWM, Jenbacher  | Germany   |  | 0                                  |
|  |  | 0      | Bow   | Germany   |  | 0                                  |
|  |  | 0      | Bow   | Germany   |  | 0                                  |
|  |  | 0      | Bow   | Germany   |  | 0                                  |
|  |  | 0      | Bow   | Germany   |  | 0                                  |
|  |  | 0      | Motorola Solutions  | Poland  |  | 0                                  |
|  |  | 0      | Bentec  | Germany   |  | 0                                  |
|  |  | 0      | Atlas Copco   | Great Britain   |  | 0                                  |
|  |  | 0      | <a href="http://pkpm.com.ua/ru/production/parogeneratorye-ustanovki-ppua-1600-100/">http://pkpm.com.ua/ru/production/parogeneratorye-ustanovki-ppua-1600-100/</a> | 0   |  | 0                                  |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
|  |  | 0      | 0   | 0   |  | 0                                  |
|  |  | urgent | 0   | 0   |  | Damaged as a result of hostilities |
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|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | NozomiNetworks |  | 0 |
|  |  |  | 0 | 0       | NozomiNetworks |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | 0       | Fortinet       |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | Raychem | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |
|  |  |  | 0 | SICAME  | 0              |  | 0 |
|  |  |  | 0 | SICAME  | 0              |  | 0 |
|  |  |  | 0 | SICAME  | 0              |  | 0 |
|  |  |  | 0 | 0       | 0              |  | 0 |









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|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
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|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | SICAME  | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
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|  |  |  | 0 | 0       | 0 |  | 0 |
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|  |  |  | 0 | 0       | 0 |  | 0 |
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|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | Raychem | 0 |  | 0 |
|  |  |  | 0 | Raychem | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | 0       | 0 |  | 0 |
|  |  |  | 0 | Raychem | 0 |  | 0 |
|  |  |  | 0 | Raychem | 0 |  | 0 |
|  |  |  | 0 | Raychem | 0 |  | 0 |
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|--|--|--|---------------------|----------|---------------------------------|--|--|
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: for Alspa excitation systems "Alstom"                           |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: for Alspa excitation systems "Alstom"                           |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: for Alspa excitation systems "Alstom"                           |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: for Alspa excitation systems "Alstom"                           |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch: fo speed regulators of the firm T.SLG "Alstom"                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the work of the branch: for the management system "Ovation"                                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the work of the branch: for the management system "Ovation"                                  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch  |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure the operation of the branch  |
|  |  |  | as soon as possible | anywhere | any                             |  | Purpose: providing power to DC consumers   |
|  |  |  | as soon as possible | anywhere | any                             |  | To ensure construction and operation   |
|  |  |  | as soon as possible | anywhere | any                             |  | Purpose: ensuring the efficiency of the equipment (Spare parts for the pump NTPV-2A hydraulic unit №2) |
|  |  |  | as soon as possible | anywhere | any                             |  | Purpose: ensuring the efficiency of the equipment (Spare parts for the pump NTPV-2A hydraulic unit №2) |
|  |  |  | as soon as possible | anywhere | CONCERNED                       |  | Purpose: ensuring the efficiency of the equipment  |
|  |  |  | as soon as possible | anywhere | any                             |  | Purpose: ensuring the efficiency of the equipment  |
|  |  |  | as soon as possible | anywhere | CONCERNED                       |  | Purpose: ensuring the efficiency of the equipment  |
|  |  |  | as soon as possible | anywhere | GARDNER DENVER BELLISS & MORCOM |  | Purpose: ensuring the efficiency of the equipment  |
|  |  |  | as soon as possible | anywhere | ABB                             |  | Purpose: ensuring the efficiency of the equipment  |



|  |  |  |                     |   |         |  |   |
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|  |  |  | as soon as possible | <a href="https://www.tracopower.com/int/model/tst-070-24s">https://www.tracopower.com/int/model/tst-070-24s</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.tracopower.com/">https://www.tracopower.com/</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.phoenixcontact.com/uk-ua/produkciya-ystrychnyky-pytannya-quint-ps-100-240ac24dc-52938581">https://www.phoenixcontact.com/uk-ua/produkciya-ystrychnyky-pytannya-quint-ps-100-240ac24dc-52938581</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.phoenixcontact.com">https://www.phoenixcontact.com</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.veritableaviation.com/nsn/rfq/alstom-power-conversion-inc/5998013052891/sca-602a/">https://www.veritableaviation.com/nsn/rfq/alstom-power-conversion-inc/5998013052891/sca-602a/</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.se.com/ww/en/product/XMLR010G0T25/electronic-pressure-sensors-pressure-sensors-xm-xmlr-10-bar-g-1-4-24-vdc-4-20-ma-m12/">https://www.se.com/ww/en/product/XMLR010G0T25/electronic-pressure-sensors-pressure-sensors-xm-xmlr-10-bar-g-1-4-24-vdc-4-20-ma-m12/</a> | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.distrelec.de/en/network-switch-8x-10-100-1000-unmanaged-tp-link-tl-se10086/p/30025620">https://www.distrelec.de/en/network-switch-8x-10-100-1000-unmanaged-tp-link-tl-se10086/p/30025620</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.amazon.co.uk/HP-3600-Poe-Switch-JG301-61101/dp/B00H2DK1XY">https://www.amazon.co.uk/HP-3600-Poe-Switch-JG301-61101/dp/B00H2DK1XY</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.amazon.com/dp/B009Z1R8F2">https://www.amazon.com/dp/B009Z1R8F2</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.memory4less.com/finisar-network-transceiver-fcfl-8521-3-hc">https://www.memory4less.com/finisar-network-transceiver-fcfl-8521-3-hc</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | <a href="https://www.memory4less.com/hp-network-transceiver-1990-4065">https://www.memory4less.com/hp-network-transceiver-1990-4065</a>   | any     |  | For equipment operability   |
|  |  |  | as soon as possible | anywhere  | any     |  | to complete the complex of works on water mains №3 and №4 of the Dniester PSP |
|  |  |  | as soon as possible | anywhere  | any     |  | to complete the complex of works on water mains №3 and №4 of the Dniester PSP |
|  |  |  | as soon as possible | anywhere  | any     |  | to complete the complex of works on water mains №3 and №4 of the Dniester PSP |
|  |  |  | as soon as possible | anywhere  | any     |  | to complete the complex of works on water mains №3 and №4 of the Dniester PSP |
|  |  |  | as soon as possible | anywhere  | any     |  | For printing operational and design diagrams                                  |
|  |  |  | as soon as possible | anywhere  | any     |  | Appointment - urgent organization of remote jobs                              |
|  |  |  | as soon as possible | anywhere  | any     |  | Ensuring reliable operation of hydraulic units                                |
|  |  |  | as soon as possible | anywhere  | any     |  | Ensuring reliable operation of hydraulic units                                |
|  |  |  | as soon as possible | anywhere  | any     |  | Ensuring reliable operation of hydraulic units                                |
|  |  |  | as soon as possible | anywhere  | any     |  | Ensuring reliable operation of hydraulic units                                |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of hydraulic units                                |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of the 154 kV VRU                                 |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of the 154 kV VRU                                 |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of the 330 kV VRU                                 |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of the 154 kV VRU                                 |
|  |  |  | as soon as possible | anywhere  | ABB     |  | Ensuring reliable operation of the 330 kV VRU                                 |
|  |  |  | as soon as possible | anywhere  | OMICRON |  | Providing measurements and high-voltage tests                                 |
|  |  |  | as soon as possible | anywhere  | OMICRON |  | Providing measurements and high-voltage tests                                 |
|  |  |  | as soon as possible | anywhere  | OMICRON |  | Providing measurements and high-voltage tests                                 |
|  |  |  | as soon as possible | anywhere  | BAUR    |  | Providing measurements and high-voltage tests                                 |
|  |  |  | as soon as possible | anywhere  | BAUR    |  | Providing measurements and high-voltage tests                                 |

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|  |  |  | 44635 | Kamitech  | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932   |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 44652 |  |   |  |  |
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|  |  |  |       | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Kamitech   | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 44635 | Kamitech   | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 44635 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44635 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44635 |  |   |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44635 | LLC PKF "KROM" 49081, m. Dnipro<br>st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvkf94@gmail.com URL: http:<br>// www. krom.ua |  |  |

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|  |  |  | 44652 |               |   |  |  |
|  |  |  |       | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 44635 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 44635 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44635 |  |   |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
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|  |  |  | 44635 | ESDERS   | Martin Esders, martin@esders.de, +4915119565000   |  |  |

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|  |  |  | 44627 |   |   |  |  |
|  |  |  | 44635 | LLC PKF "KROM" 49081, m. Dnipro<br>st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromv494@gmail.com URL: http:<br>// www. krom.ua |  |  |
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|  |  |  | 44652 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
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|  |  |  |       | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Kamitech  | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 44635 | Kamitech  | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  |       | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 44635 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 44635 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 44635 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 44635 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 44635 | Epicenter              | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 44627 |           | sparring news - 0676724561                         |  |  |
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|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44652 | RAVETTI  | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |
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|  |  |  | 44635 |  |   |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 44635 |   |  |  |  |
|  |  |  | 44627 |   | sparring news - 0676724561   |  |  |
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|  |  |  | 44627 |   |  |  |  |
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|  |  |  | 44635 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
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|  |  |  | 44627 |   |  |  |  |
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|  |  |  | 44635 |               |   |  |  |
|  |  |  | 44635 |               |   |  |  |
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|  |  |  | 44652 |               |   |  |  |
|  |  |  | 44652 |               |   |  |  |
|  |  |  |       | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 44635 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 44635 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |



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|  |  |  | 44635 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 44627 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 44635 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 44635 |  |   |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44627 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44635 | Epicenter  | Lily RudokVas - 0677419003                        |  |  |
|  |  |  | 44635 |  |   |  |  |
|  |  |  | 44627 |  | sparring news - 0676724561                        |  |  |
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|  |  |  | 44635 | ESDERS   | Martin Esders, martin@esders.de, +4915119565000   |  |  |

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|  |  |  | 44627 |   |   |  |  |
|  |  |  | 44635 | LLC PKF "KROM" 49081, m. Dnipro<br>st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromv494@gmail.com URL: http:<br>// www. krom.ua |  |  |
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|  |  |  | 44635 |   |   |  |  |
|  |  |  | 44635 |   |   |  |  |
|  |  |  | 44652 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
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|  |  |            | 44652  |   |   |  |  |
|  |  |            |  | Epicenter   | Lily RudokVas - 0677419003                              |  |  |
|  |  |            | 44635  | Kamitech  | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354 |  |  |
|  |  |            | 44635  | Kamitech  | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354 |  |  |
|  |  |            | 44635  | Paton Factory   | Dmytro Nemykin - 0504115082                             |  |  |
|  |  |            | 44635  | Paton Factory   | Dmytro Nemykin - 0504115082                             |  |  |
|  |  |            | 44627  | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932                  |  |  |
|  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |   |  |  |
|  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |   |  |  |
|  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |   |  |  |
|  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |   |  |  |
|  |  | 15.03.2022 | LLC "Scientific and<br>Production Center" VALIDUS<br>"03143, Kyiv, Akademia<br>Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38<br>044 526 27 67 Mob. +38 095 631 27<br>99 Mob. +38 097 354 22 95 e-mail:<br>msh@validus.com.ua Website:<br>www.validus.com.ua |   |  |  |
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|  |  |  | 01.04.2022 | RAVETTI  | Emanuele Franceschini, +39 329 1466873<br>emanuele.franceschini@ravetti.com   |  |  |
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|  |  |  | 15.03.2022 |  |   |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvk94@gmail.com URL: http:<br>// www. krom.ua |  |  |
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|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 15.03.2022 | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter              | Lily RudokVas - 0677419003   |  |  |

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|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 15.03.2022 | ESG COMPANY: Address: Kyiv, st. Vyacheslav Chomovii, 27 (office 216), 3rd floor         | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |



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|  |  |  | 15.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 |           |  |  |  |
|  |  |  | 15.03.2022 | ESDERS    | Martin Esders, martin@esders.de,<br>+4915119565000 |  |  |
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|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+491511956000   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|--|--|--|------------|---|---|--|--|
|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
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|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
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|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   | sparring news - 0676724561                           |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |

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|  |  |  | 15.03.2022 |   |   |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
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|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 15.03.2022 | ESG COMPANY: Address: Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd floor        | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   |   |  |  |
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|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 15.03.2022 | Epicenter              | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 |           | sparring news - 0676724561                         |  |  |
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|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 01.04.2022 | RAVETTI  | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademika Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
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|  |  |  | 15.03.2022 |  |   |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
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|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 15.03.2022 | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter              | Lily RudokVas - 0677419003   |  |  |

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|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
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|  |  |  | 15.03.2022 | ESG COMPANY: Address: Kyiv, st. Vyacheslav Chomovii, 27 (office 216), 3rd floor         | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |

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|  |  |  | 15.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 |           |  |  |  |
|  |  |  | 15.03.2022 | ESDERS    | Martin Esders, martin@esders.de,<br>+4915119565000 |  |  |
|  |  |  | 15.03.2022 | ESDERS    | Martin Esders, martin@esders.de,<br>+4915119565000 |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
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|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |

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|  |  |  | 15.03.2022 | ESG COMPANY: Address:<br>Kyiv, st. Vyacheslav<br>Chornovil, 27 (office 216), 3rd<br>floor | Tel: +38 (044) 561-58-88 e-mail:<br>info@esg.kiev.ua |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |

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|  |  |  | 15.03.2022 |   |   |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
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|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   | sparring news - 0676724561  |  |  |



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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
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|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 |           | sparring news - 0676724561                         |  |  |
|  |  |  | 07.03.2022 |           |  |  |  |
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|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873<br>emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 15.03.2022 | ESG COMPANY: Address:<br>Kyiv, st. Vyacheslav Chornovil, 27 (office Z16), 3rd floor         | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvk94@gmail.com URL: http:<br>// www. krom.ua |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
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|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
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|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvkf94@gmail.com URL: http:<br>// www. krom.ua |  |  |

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|  |  |  | 15.03.2022 |               |   |  |  |
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|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
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|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   | sparring news - 0676724561  |  |  |

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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
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|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 |           |  |  |  |
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|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082  |  |  |
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|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvkf94@gmail.com URL: http:<br>// www. krom.ua |  |  |

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|--|--|--|------------|---------------|---|--|--|
|  |  |  | 15.03.2022 | ESDERS        | Martin Esders, martin@esders.de,<br>+4915119565000                              |  |  |
|  |  |  | 15.03.2022 |               |   |  |  |
|  |  |  | 15.03.2022 |               |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI       | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

|  |  |  |            |   |   |  |  |
|--|--|--|------------|---|---|--|--|
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
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|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |

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|--|--|--|------------|---|--|--|--|
|  |  |  | 15.03.2022 | ESG COMPANY: Address:<br>Kyiv, st. Vyacheslav<br>Chornovil, 27 (office 216), 3rd<br>floor | Tel: +38 (044) 561-58-88 e-mail:<br>info@esg.kiev.ua |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |

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|  |  |  | 15.03.2022 |   |   |  |  |
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|  |  |  | 01.04.2022 |  |   |  |  |
|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and<br>Production Center" VALIDUS<br>"03143, Kyiv, Akademia<br>Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38<br>044 526 27 67 Mob. +38 095 631 27<br>99 Mob. +38 097 354 22 95 e-mail:<br>msh@validus.com.ua Website:<br>www.validus.com.ua |  |  |
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|  |  |  | 15.03.2022 |  |   |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
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|--|--|--|------------|---|---|--|--|
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|  |  |  | 15.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 07.03.2022 |           | sparring news - 0676724561                         |  |  |
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|  |  |  | 07.03.2022 |           |  |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Kamitech  | Rafal Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354   |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and<br>Production Center" VALIDUS<br>"03143, Kyiv, Akademika<br>Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38<br>044 526 27 67 Mob. +38 095 631 27<br>99 Mob. +38 097 354 22 95 e-mail:<br>msh@validus.com.ua Website:<br>www.validus.com.ua |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
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|  |  |  |            | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Kamitech   | Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354  |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) - 0674047932   |  |  |
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|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 15.03.2022 | Paton Factory  | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt   | Yuri Ganzha (director) -<br>0674047932  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 15.03.2022 | ESG COMPANY: Address: Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd floor        | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |
|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
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|  |  |  | 07.03.2022 |   | sparring news - 0676724561  |  |  |

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|  |  |  | 07.03.2022 |   |   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000  |  |  |
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|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvk94@gmail.com URL: http:<br>// www. krom.ua |  |  |
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|  |  |  | 15.03.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 | RAVETTI                | Emanuele Franceschini, +39 329 1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  | 01.04.2022 |                        |  |  |  |
|  |  |  |            | Epicenter              | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Kamitech               | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                      |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 15.03.2022 | Paton Factory          | Dmytro Nemykin - 0504115082  |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt | Yuri Ganzha (director) -<br>0674047932                                       |  |  |
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|  |  |  | 15.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 07.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
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|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 | Epicenter | Lily RudokVas - 0677419003                         |  |  |
|  |  |  | 15.03.2022 |           |  |  |  |
|  |  |  | 07.03.2022 |           | sparring news - 0676724561                         |  |  |
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|  |  |  | 15.03.2022 |   |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  | 01.04.2022 |   |   |  |  |
|  |  |  |            | Epicenter   | Lily RudokVas - 0677419003  |  |  |



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|  |  |  | 15.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademika Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademika Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |

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|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS<br>*03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 01.04.2022 | RAVETTI  | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |
|  |  |  | 15.03.2022 | ESG COMPANY: Address: Kyiv, st. Vyacheslav Chomovil, 27 (office 216), 3rd floor            | Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua   |  |  |
|  |  |  | 15.03.2022 |  |   |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 07.03.2022 | Epicenter  | Lily RudokVas - 0677419003  |  |  |

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|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003   |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   | sparring news - 0676724561   |  |  |
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|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | LLC PKF "KROM" 49081, m.<br>Dnipro st. Artelna, 9 | Phone (mobile): + 38 (050) 190 46<br>06 + 38 (050) 363 37 93 + 38 (050)<br>558 48 20 (accounting) E-mail:<br>kromvkf94@gmail.com URL: http:<br>// www. krom.ua |  |  |

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|--|--|--|------------|---------------|---|--|--|
|  |  |  | 15.03.2022 | ESDERS        | Martin Esders, martin@esders.de,<br>+4915119565000                              |  |  |
|  |  |  | 15.03.2022 |               |   |  |  |
|  |  |  | 15.03.2022 |               |   |  |  |
|  |  |  | 01.04.2022 | RAVETTI       | Emanuele Franceschini, +39 329<br>1466873,<br>emanuele.franceschini@ravetti.com |  |  |
|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  | 01.04.2022 |               |   |  |  |
|  |  |  |            | Epicenter     | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Kamitech      | Rafał Wiśniewski,<br>rafal@kamitech.pl + 48 513 101 354                         |  |  |
|  |  |  | 15.03.2022 | Paton Factory | Dmytro Nemykin - 0504115082   |  |  |

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|  |  |  | 15.03.2022 | Paton Factory   | Dmytro Nemykin - 0504115082   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 07.03.2022 | LLC Gazpolimerkomplekt  | Yuri Ganzha (director) - 0674047932   |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003  |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 15.03.2022 | LLC "Scientific and Production Center" VALIDUS "03143, Kyiv, Akademia Zabolotnoho, 150A | Tel.: +38 044 259 79 88 Fax: +38 044 526 27 67 Mob. +38 095 631 27 99 Mob. +38 097 354 22 95 e-mail: msh@validus.com.ua Website: www.validus.com.ua |  |  |
|  |  |  | 01.04.2022 | RAVETTI   | Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com   |  |  |



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|--|--|--|------------|---|--|--|--|
|  |  |  | 15.03.2022 | ESG COMPANY: Address:<br>Kyiv, st. Vyacheslav<br>Chornovil, 27 (office 216), 3rd<br>floor | Tel: +38 (044) 561-58-88 e-mail:<br>info@esg.kiev.ua |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 07.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 | Epicenter   | Lily RudokVas - 0677419003                           |  |  |
|  |  |  | 15.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   | sparring news - 0676724561                           |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 07.03.2022 |   |  |  |  |
|  |  |  | 15.03.2022 | ESDERS  | Martin Esders, martin@esders.de,<br>+4915119565000   |  |  |

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|  |  |  | 31.10.2022 |   |  |  |  |
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|  |  |  | 31.03.2022 | <a href="https://matari.ua/product/matari-mc200">https://matari.ua/product/matari-mc200</a> |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://prom.ua/c273800-konstrak.html">https://prom.ua/c273800-konstrak.html</a>   | LLC "Konstrak"   |  |  |
|  |  |  | 31.03.2022 | <a href="https://vniikompressormash.all.diz">vniikompressormash.all.diz</a>                 |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://vniikompressormash.all.diz">vniikompressormash.all.diz</a>                 |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://rostech.info">https://rostech.info</a>                                     |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://all-electro.com">all-electro.com</a>                                       |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://all-electro.com">all-electro.com</a>                                       |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://all-electro.com">all-electro.com</a>                                       |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://all-electro.com">all-electro.com</a>                                       |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://prom-ocean.com">Prom-ocean.com</a>   |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://prom-ocean.com">Prom-ocean.com</a>   |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://prom.ua">prom.ua</a>   |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://cargoset.com">cargoset.com</a>   |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://cargoset.com">cargoset.com</a>   |  |  |  |
|  |  |  | 31.03.2022 | <a href="https://cargoset.com">cargoset.com</a>   |  |  |  |
|  |  |  | 31.03.2022 |   | Joint Venture "Dalgakiran Compressor Ukraine" Ukraine - Turkey |  |  |
|  |  |  | 31.03.2022 |   |  |  |  |
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|  |  |  | three times a month |   |  |  |                            |
|  |  |  | 31.03.2022          | <a href="https://matari.ua/product/matari-mc200">https://matari.ua/product/matari-mc200</a>   |  |  |                            |
|  |  |  | 31.03.2022          | <a href="https://matari.ua/product/matari-mc200">https://matari.ua/product/matari-mc200</a>   |  |  |                            |
|  |  |  | 31.03.2022          |   | LLC "Elena"                            |  |                            |
|  |  |  | 31.03.2022          |   |  |  |                            |
|  |  |  | 31.03.2022          |   | LLC "Elena"                            |  |                            |
|  |  |  | 31.03.2022          |   |  |  |                            |
|  |  |  | 31.03.2022          |   | LLC "Elena"                            |  |                            |
|  |  |  | 31.03.2022          |   |  |  |                            |
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|  |  |  | 31.03.2022          |   |  |  |                            |
|  |  |  | 31.03.2022          | <a href="https://fogo.ua/produkcija/dizelnij-generator-fogo-fdg-300-ssj">https://fogo.ua/produkcija/dizelnij-generator-fogo-fdg-300-ssj</a> |  |  | VP "Mine" Stepova lava 137 |
|  |  |  | 31.03.2022          | <a href="https://prom.ua/c273800-konstruk.html">https://prom.ua/c273800-konstruk.html</a>   |  |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | LLC "Deacon", PE "Firm" Spetsremmash " |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | PPF "Spetsremmash"                     |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | LLC "NGO Aircraft"                     |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | LLC "Donbass Coal"                     |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | PE "BC" BUDREM PLUS "                  |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | PE "BC" BUDREM PLUS "                  |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | USC Technologies                       |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | USC Technologies                       |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | USC Technologies                       |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | ADS SERVICE LLC                        |  | VP "Mine" Stepova lava 137 |
|  |  |  | 30/04/2022          |   | LLC "NPAO VNII compressormash" Sumy    |  | VP "Mine" Stepova lava 137 |

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