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 need

Sequ ence Num	Request ID	Type of assistance	Type: <u>Equipment</u> (Electrical,		Second classification attribute of		Components of Equipment or materials,	Specifications of Equipment or materials, or	Unit	otal eed nua		r Equipment
S ē Z	2	(Equipment, Energy	Gas, Mechanical, License	Equipment and materials, Energy	the Equipment and materials,	Energy resources, or Humanitarian	components of Humanitarian needs, or Energy	Humanitarian needs, or Energy resource	16	17		3 4
1	014_UA22767506_0001	Equipment	Mechanical	Machinery	Transport vehicles	Brigade van (IVECO Daily55518 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 I, Oil sum; volume 2.8 I, 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-lon battery 37. 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 modes, housing protection level - IP 54 (waterproof) - Leve 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, bartley 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 16.91/h	pcs	4	4	

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 6. Occlusive regising 1 pcs 6. Adjustable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Therand 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 ross section - 25 mm/2; 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 ropi slings	strap, belt width - 50 mm, number of insurance attachment points - 3, polyamide and polyester, sizes L. S, M, rope slings with two carbines 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	

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, Vu-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 storage60 +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 ± 2 × 2.59k kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage60 +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 k/A, 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 storage60 +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 ± 4 * 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 ± 4 * 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 Үн / Д / Д 11-11; Rated capacity - 25 MVA; Un = 115 ± 9 * 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 Yn / Y / D 0-11; Rated capacity - 16.0 MVA; Un = Uxx = 115 + 9 * 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 Yn / D -11; Rated capacity - 16.0 MVA; Un = 115 + 9 * 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 Yn / D -11; Rated capacity - 6.3 MVA; Un = 115 ± 9 * 1.78% / 38.5 ± 2 * 2.5% / 11 kV	pcs	1	1	

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 1km471kg .; 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 1km384kg.; 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 1km554kg .; 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	

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 I (standard) 360 I (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 an 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	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 liike 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-9656D 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-S 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 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	
84	014_UA22767506_0084	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	
85	014_UA22767506_0085	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	

86	014_UA22767506_0086	Equipment	Electrical	Equipment of cable power lines of 10-	Cable couplings	Coupling cable trailer inside 10kVTPN-7 (3 / 35-50)	Cable sleeve end internal	Rated voltage 10 kV, type kVTPn-7; three veins;	pcs	30	30	
				0,4 kV Equipment of cable power lines of 10-				cross section 35-50 mm2	·			
87	014_UA22767506_0087	Equipment	Electrical	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 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	
101	014_UA22767506_0101	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	
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	Flectrical	Equipment of cable power lines of 10-	Cable couplings	Coupling cable trailer inside 1kVTPN-5 (4 / 70-	The coupling is cable final internal	Rated voltage 1 kV, type kVTPn-5; four veins;	pcs	37	37	
103	014_0A22707300_0103	Equipment	Electrical	0,4 kV	Cable Couplings	120)	The coupling is cable infaritherial	cross section 70-120 mm2	pus	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 4x3S 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 - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 +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 - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 +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 - 180 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 storage60 +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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - 400 + 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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage6040 ° 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 aluminozinc, 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 aluminozinc, 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 aluminozinc, 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 aluminozinc	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	
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136	014_UA22767506_0136	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Materials for equipment repair	63 kVa APB 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 APB 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 fastering 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 -250° to + 400°, 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 -250° to + 400°, 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 250° to + 400°, 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 fastering 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 settlings 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 fastering 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 fastering 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 shalf is rigid with the handle which is removed from the drive is on a drive shaft (secept 1875). The panel is metal; Complete set with a porcelain rack with sponges under Pk2-2 safely locks; Three-poid edging; resteming for a cable with a section of 50 mm2 bolts M-10 (M-12) with washers and engravers; Equipped with fuse Pk2-2.	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 kniwes, protected by a protective coating. The drive is lateral, the drive knik risgle with the handle which is reviewed from the drive is on a drive shaft (except RPS). The panel is metal). Complete set with a porcelain rack with a progress under PM-2 safety locks; Three pole design, Fastening for a cable with a section of 50 mm2 but N-10 (M-22) with washers and engravers; Equipped with fuser PM-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 failves, protected by a protective coating. The drive is lateral, the drive hand is rigid with the handle which is reduced from the drive is on a drive shaft (except RPS). The panel is metal; Complete set with a porcellan rack with spongers PN-2 safety locks; Three-pole design; Fastening for a cable with a section of more both. Mol. (Mr21) 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-0"	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 shall is rigid with the handle which is removed from the drive is on a drive shalf (except R9S). The panel is metal; Complete set with a porcelain rack with sponges under PN2 Sately (solc; Three-pole design, Fastening for a cable with a section of 50 mm2 boths H-10 (N+12) with washers and engravers; Cappiped with fuses PN-2:	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "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 shall is rigid with the handle which is removed from the drive is on a drive shalf (except R9S). The panel is metal; Complete set with a porcelain rack with sponges under PUS 3 after) (sock). Three-pole design, Fastening for a cable with a section of 50 mm2 both x-10 (lvl-12) with washers and engravers; Cappiped with fuses PN-2:	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"	pcs	64	64	
150	014_UA22767506_0150	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Switches	RPS-250 A switch	Copper kinles, protected by a protective coating. The drive is lateral, the drive shaft is rigid with the handle which is romoved from the drive is on a drive shaft (except RPS). The panel is metal, Complete set with a porcelain rack with sponges under PM2 Sately (sock). Three-pole design, Fastening for a cable with a section of 50 mm2 both x-10 (kH-12) with washers and engravers; Equipped with fuses PM-2:	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "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 R9S). The panel is metal. Complete set with a porcelain rack with sponges under PNZ sately locks. Three-pole design, fracturing for a cable with a section of 50 mm2 boths H-10 (N+12) with washers and engravers; Cappiped with fuses PNZ-2.	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"	pcs	27	27	
152	014_UA22767506_0152	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Switches	RPS-400 A switch	Copper kinkes, protected by a protective coating. The driver is lateral, the drive what is rigid with the handle which is removed from the drive is on a drive shaft (except 8P5). The panel is metal; Complete set with a porcelain rack with sponges under PV2 Safety (lock? Three-pole design, fratening for a cable with a section of 50 mm2 boths H-10 (M+12) with washers and engravers; Cappiped with fuses PM-2;	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "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 495). The panel is metal; Complete set with a porcelain rack with sponges under PUS 2 after) (sock). Three-pole esign; featuring for a cable with a section of 50 mm2 boils M-10 (M-12) with washers and engravers; Cappiged with fuses PM-2.	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "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 R9S). The panel is metal; Complete set with a porcelain rack with sponges under PN2 Safety lock? Three-pole design, featuring for a cable with a section of 50 mm2 boths H-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	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 shalt is rigid with the handle which is reviewed from the drive is on a drive shalt (except RPS). The panel is metal; Complete set with a porcelain rack with sponges under PN2 Sately lock? Three-pole design, fratening for a cable with a section of 50 mm2 both x-10 (lvl-12) with washers and engravers; Cappiged with fuses PN-2;	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "V-O"	pcs	6	6	
156	014_UA22767506_0156	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Switches	RPS-1600 A switch	Copper kinves, protected by a protective coating. The drives its stareal, the drive what is rigid with the handle which is removed from the drive is on a drive shaft (except P89). The panel is metal; Complete set with a porcelain rack with sponges under PAV Sately locks. Three-pole design; Fastening for a cable with a section of 50 mm2 boths H-10 (N+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	
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 MV copper; Rescontacts are made of standard bushers and are a 1-shaped non detachable structure; The movable contacts are made of two copper plates, which are fixed on an integral contact connection on the ask and the springs provide a constant corractor pressure when rotating around the ask. The design of contact terminals provides connection of copper and aluminum conductors and cables, cable lugs or clamps and thres by means of threaded connections; The presence of a ground clamp; Tripolar design; Copper and aluminum three with a costs section from 8x00 or 3x150 mm2 to 2 (6x60) or (6x120) mm2 are connected to the switch.		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 breader are made of high quality M1 copper. Fixed contacts are made of standard busbars and are a 1-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 concatt contact terminals provides connection of copper and aluminum conductors and cables, cable lugs or clamps and tires by means of threaded connections. The pressure of a ground clamp: Tipolar design, Copper and aluminum trice 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	Metal bar	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	Sheet steel	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	Sheet steel	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	The corner is metal	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	The corner is metal	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	Metal bar	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	Metal bar	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	Metal strip	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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, 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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage60 +40 ° C	pcs	1	1	
169	014_UA22767506_0169	Energy resources	liquid	Fuels and lubricants	petrol	A92 petrol	Fuel	A92 petrol	ı	180000	180000	

170	014_UA22767506_0170	Energy resources	liquid	Fuels and lubricants	petrol	A95 petrol	Fuel	A95 petrol	1	40000	40000	
171	014_UA22767506_0171	Energy resources	liquid	Fuels and lubricants	Diesel fuel	Diesel fuel	-	-	ı	160000	160000	
172	014_UA22767506_0172	Energy resources	liquid	Fuels and lubricants	Liquefied gas	Propane gas	Fuel	Propane gas	ı	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	I	1000	1000	
175	014_UA22767506_0175	Energy resources	liquid	Fuels and lubricants	Petroleum automobile oils	Olive 10W40	Car oil	Olive 10W40	ı	3000	3000	
176	014_UA22767506_0176	Energy resources	liquid	Fuels and lubricants	Diesel automobile oils	Olive M10G2K	Diesel automobile oil	Olive M10G2K	ı	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	КНттп-3х (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 (3-5ln)	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 (3-5ln)	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 (3-5ln)	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 (3-5ln)	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	Disconnector	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	Disconnector	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 YH / 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 I, Oil sump volume 2.8 I, Frequency 50 Hz	pcs	10	10	

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 spine-loaded actuator located in the actuator unit mounted on the supporting frame.		pcs	2	2	
256	017_UA00130725_0080	Energy resources	liquid	Fuels and lubricants	petrol	A92 petrol	Fuel	A92 petrol	1	53000	53000	
257	017_UA00130725_0081	Energy resources	liquid	Fuels and lubricants	petrol	A95 petrol	Fuel	A95 petrol	1	9000	9000	
258	017_UA00130725_0082	Energy resources	liquid	Fuels and lubricants	Diesel fuel	Diesel fuel	-	-	1	48000	48000	
259	017_UA00130725_0083	Energy resources	liquid	Fuels and lubricants	Liquefied gas	Propane gas	Fuel	Propane gas	1	35000	35000	
260	017_UA00130725_0084	Energy resources	liquid	Fuels and lubricants	Petroleum automobile oils	Olive 15W40	Car oil	Olive 15W40	1	180	180	
261	017_UA00130725_0085	Energy resources	liquid	Fuels and lubricants	Petroleum automobile oils	Olive 10W40	Car oil	Olive 10W40	1	600	600	
262	017_UA00130725_0086	Energy resources	liquid	Fuels and lubricants	Diesel automobile oils	Olive M10G2K	Diesel automobile oil	Olive M10G2K	1	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	Autolower 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 EGS500CL	pcs	8	42	

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 disconnector, 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 disconnector, 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 disconnector, 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 disconnector, 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	

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 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 kN 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- G2-0,58 // 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-G1-0,58 # 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-G1-0,58 // 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- G2-0.58 // 10P-200/5,	0	0	pcs	12	76	

314	008_UA23399393_0052	Equipment	Electrical	Equipment for 110/35/10 kV substations	Instrument transformers	TPOLU CURRENT TRANSFORMER-10- 22-2G-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- 22-2G-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- 22-2G-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	

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 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 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- 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 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 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- 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 TPLE-12-03- 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 TPLE-12-03- 0,28 / 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 / 550-33	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. Clamp tension clamp 2.1 is used for anchoring 4	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 wires	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	

382	008_UA23399393_0120	Equipment	Electrical	Equipment of cable power lines of 10-0,4 kV	Tips	ALUMINUM CABLE TIP F 50	0	0 pc	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 pc	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 pc	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 pc	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 pc	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 pc	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 pc	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	ū	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 L	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 disconnector 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 disconnector 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 disconnector 40,5.1000 All with RSM-1 drive	0	0	pcs	20	178	

416	008_UA23399393_0154	Equipment	Electrical	Computer networks	Telecommunications	Starlinc 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-lon battery 3.7 V. Battery capacity - 4.5 A / I, 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). Leve 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, bisculis x/ye 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)	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. Algiusable nasopharyngeal airway with lubricant - 1 pcs 7. Reinforced adhesive tape - 1 pcs 8. Tactical medical scissors - 1 pcs 9. Thermal cove - 1 pcs 10. Nitrile gloves - 1 piar 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 fijud-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, enteroscibent, 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	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	

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 / √3V; 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	

				T T								
				Equipment for 10-0.4 kV overhead power								
482	008_UA23399393_0220	Equipment	Electrical	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	I.	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 Semi-trailer of 12.5 meters in / n 25 tons with, the	pcs	15	15	
486	012_UA00131954_0003	Equipment	Mechanical	Machinery	Mechanisms are mobile	Truck with semi-trailer and manipulator	technical means	crane manipulator like Palfinger-, 15500 in / n 8	pcs	4	4	
				·				tons or similar	· ·			
487 488	012_UA00131954_0004	Equipment	Mechanical Mechanical	Machinery Machinery	Transport vehicles Mechanisms are mobile	Brigade car repair shop Truck crane 32t.	technical means technical means	Cargo van in / n 5 tons	pcs	20	20	
489	012_UA00131954_0005 012_UA00131954_0006	Equipment Equipment	Mechanical	Machinery	Mechanisms are mobile	Truck crane 32t.	technical means	Loading capacity is 32 tons 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	pcs	8	8	
430	012_0A00101304_0007	Equipment	Wiconamon		Weetanishis are mosic	Board car with a crane	teerinean means	PK8500 manipulator	pcs	Ü	Ü	
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		Mechanical	Machinery	Transport vehicles					4	4	
493	012_UA00131954_0010 012_UA00131954_0011	Equipment Equipment	Mechanical Flectrical	Machinery Machinery	Mechanisms are stationary	Tipper The compressor is stationary	technical means	Load capacity 10 tons, 8 cubic meters 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	pcs	27	27	
100	012_0/100101001_0010	Equipmont	Liourida	7.7	made to 13	medationide invite		manufacturer	poo			
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	Flectrical	Equipment for 110/35/10 kV substations	Insulators	INSULATOR IOS-35 / 500-01-1 UHL1	?	according to the passport characteristics of the	pcs	100	100	
		' '				INSULATOR SUPPORTING IO-10 /		manufacturer according to the passport characteristics of the				
502	012_UA00131954_0019	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Insulators	3,75	?	manufacturer	pcs	50	50	
503	012_UA00131954_0020	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Insulators	INSULATOR SUPPORTING IO-10 /	?	according to the passport characteristics of the	pcs	30	30	
				Equipment for 10-0.4 kV overhead power		7,5		manufacturer according to the passport characteristics of the				
504	012_UA00131954_0021	Equipment	Electrical	lines	Insulators	INSULATOR PS-70E	?	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	pcs	300	300	
						DEL		manufacturer according to the passport characteristics of the				
506	012_UA00131954_0023	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	DEKraft BA302 100A switch	circuit breaker	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	Carriament	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	DEKraft BA303 160A switch	circuit breaker	according to the passport characteristics of the		400	400	
506	012_0A00131954_0025	Equipment	Electrical	Equipment TP-RP 10/6 / 0,48V	Circuit breakers	DENIAR BASUS 160A SWICH	circuit breaker	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	pcs	300	300	
310	012_0A00101304_0021	Equipment	Licotridai	Equipment II III 20/0 / 0,444	circuit breakers	DEMail BASSS 225A SWIGH	Great Breaker	manufacturer according to the passport characteristics of the	pcs	300	300	
511	012_UA00131954_0028	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	DEKraft BA304 250A switch	circuit breaker	manufacturer	pcs	300	300	
512	012_UA00131954_0029	Equipment	Flectrical	Equipment TP-RP 10/6 / 0.4kV	Switches	switch RPS1 100A	cut-out	according to the passport characteristics of the	pcs	300	300	
								manufacturer according to the passport characteristics of the				$\overline{}$
513	012_UA00131954_0030	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Switches	switch RPS2 250A	cut-out	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			Electrical	Equipment TP-RP 10/6 / 0.4kV	Switches	switch RPS6 630A	cut-out	according to the passport characteristics of the	nes	300	300	
515	012_UA00131954_0032	Equipment	Electrical	Equipment 1P-RP 10/6 / 0,4kV	Switches	SWILCH RPS6 630A	cut-OUT	manufacturer	pcs	300	300	
						VACUUM SWITCH BB / TEL-10-31,5 /						
516	012_UA00131954_0033	Equipment	Electrical	Equipment for 110/35/10 kV substations	Switches	1600 U2 WITH CONTROL MODULE	power switch	according to the passport characteristics of the	pcs	4	4	
						AND WITH ADAPTATION KIT FOR INSTALLATION IN CELLS K-III		manufacturer				
-						+						$\overline{}$
						VACUUM SWITCH BB / TEL-10-31,5 / 2000 U2 WITH CONTROL MODULE		according to the passport characteristics of the				
517	012_UA00131954_0034	Equipment	Electrical	Equipment for 110/35/10 kV substations	Switches	AND ADAPTATION KIT FOR	power switch	manufacturer	pcs	4	4	
						INSTALLATION IN KSO-2 CELLS						
E40	042 11400424054 0025	Carriament	Flectrical	Equipment for 110/35/10 kV substations	Switches	VRS SWITCH-10-31.5 / 1600	nevier eviteb	according to the passport characteristics of the		200	200	
518	012_UA00131954_0035	Equipment	Electrical	Equipment for 110/35/10 KV substations	Switches	VNO SWITCH-10-31.5 / 1600	power switch	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	Flectrical	Equipment for 110/35/10 kV substations	Switches	SLEEVE SWITCH 110 kV GL312F1 /	power switch	according to the passport characteristics of the	pcs	40	40	
320	012_UM00101904_0007	Equipment	Electrical	Equipment for 110/33/10 kV 3005tdti0ff5	JWILLIES	4031R	power switch	manufacturer	pus	40	40	
						VACUUM SWITCH VV / TEL-10-20 /						
521	012_UA00131954_0038	Equipment	Electrical	Equipment for 110/35/10 kV substations	Switches	1000 U2 WITH CONTROL MODULE AND WITH ADAPTATION KIT FOR	power switch	according to the passport characteristics of the manufacturer	pcs	5	5	
						INSTALLATION IN K-12 CELLS		manadada				
L												

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-	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-	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-	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-	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-	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	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	Linear armature	CLAMP SUPPORTING DEAF PGN 2-	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-	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	Linear armature	CLAMP SUPPORTING DEAF PGN-3-	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-	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	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	manufacturer according to the passport characteristics of the	pcs	42	42	
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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	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	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	manufacturer according to the passport characteristics of the	pcs	800	800		
572	012_UA00131954_0089	Equipment	Electrical	Equipment for 10-0.4 kV overhead power	Linear SIP fittings	anchor clamp SO118.1201S	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	1000	1000		
573	012 UA00131954 0090	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Linear SIP fittings	anchor clamp SO118.425S	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	1000	1000	_	
574	012_UA00131954_0091	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Linear armature	hook 28.2	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	16000	16000	-	
575	012_UA00131954_0092	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Linear armature	WTO clamp36	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	40000	40000	-	
576	012_UA00131954_0093	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Linear armature	WTO tape37	linear-suspended fittings	manufacturer according to the passport characteristics of the	m.p.	20000	20000	-	
577	012_UA00131954_0093	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power		FARRINGS Wed 12-16	linear-suspended fittings	manufacturer according to the passport characteristics of the	DCS	35	35	\rightarrow	-
578	012_UA00131954_0094 012_UA00131954_0095	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Linear armature	EARRINGS Wed 12-16 EARRINGS Wed 7-16	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	144	144	-+-	=
		' '		lines Equipment for 10-0.4 kV overhead power	Linear armature		, ,	manufacturer according to the passport characteristics of the				\longrightarrow	
579	012_UA00131954_0096	Equipment	Electrical	lines	Linear armature	SRS EARRING 7-16 CARTRIDGE TERMITIC WELDING	linear-suspended fittings	manufacturer according to the passport characteristics of the	pcs	200	200	\longrightarrow	
580	012_UA00131954_0097	Equipment	Electrical	Devices and tools	Supplies	PAS-120 CARTRIDGE TERMITIC WELDING	welding equipment	manufacturer according to the passport characteristics of the	pcs	100	100		
581	012_UA00131954_0098	Equipment	Electrical	Devices and tools	Supplies	PAS-150 CARTRIDGE TERMITIC WELDING	welding equipment	manufacturer according to the passport characteristics of the	pcs	100	100		
582	012_UA00131954_0099	Equipment	Electrical	Devices and tools	Supplies	PAS-185 CARTRIDGE TERMITIC WELDING	welding equipment	manufacturer according to the passport characteristics of the	pcs	100	100		
583	012_UA00131954_0100	Equipment	Electrical	Devices and tools	Supplies	PAS-240 CARTRIDGE TERMITIC WELDING	welding equipment	manufacturer according to the passport characteristics of the	pcs	100	100	$\overline{}$	
584	012_UA00131954_0101	Equipment	Electrical	Devices and tools	Supplies	PAS-70 CARTRIDGE TERMITIC WELDING	welding equipment	manufacturer	pcs	100	100		
585	012_UA00131954_0102	Equipment	Electrical	Devices and tools	Supplies	PAS-95 THERMAL MATCHES FOR IGNITION	welding equipment	according to the passport characteristics of the manufacturer	pcs	100	100		
586	012_UA00131954_0103	Equipment	Electrical	Devices and tools	Supplies	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 AsXSn 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 AsXSn 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	AsXSn 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	AsXSn 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 AsXSn 4x70	cable and wire products	according to the passport characteristics of the manufacturer	km	20	20		1
593	012_UA00131954_0110	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines	Insulated wire	wire AsXSn 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	Supports	STAND Z / B SK-105-3,6	support of power lines	according to the passport characteristics of the	pcs	2000	2000		
			l	lines	***			manufacturer	<u> </u>		لنب		

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	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	Supports	STAND Z / B JI 164-10,7-1	support of power lines	according to the passport characteristics of the	pcs	200	200	
611	012_UA00131954_0128	Equipment	Electrical	lines Equipment for 110-35 kV overhead power	Supports	STABLE Z / B SK-22.1-2.1	support of power lines	manufacturer according to the passport characteristics of the	pcs	50	50	
612	012_UA00131954_0129	Equipment	Flectrical	lines Equipment for 110-35 kV overhead power	Supports	STABLE Z / B SK-22.2-1.1	support of power lines	manufacturer according to the passport characteristics of the	ncs	50	50	
613	012_UA00131954_0130	Equipment	Electrical	lines Equipment for 110-35 kV overhead power	Supports	SUPPORT Z / B SK-26.1-1.1	support of power lines	manufacturer according to the passport characteristics of the	pcs	40	40	
				lines Equipment for 110-35 kV overhead power				manufacturer according to the passport characteristics of the	-			
614	012_UA00131954_0131	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Supports	STABLE Z / B SK26.1-5.1A	support of power lines	manufacturer according to the passport characteristics of the	pcs	40	40	
615	012_UA00131954_0132	Equipment	Electrical	lines Equipment for 10-0.4 kV overhead power	Materials for equipment repair	Steel angle 75X75X6	steel products	manufacturer according to the passport characteristics of the	t	3	3	
616	012_UA00131954_0133	Equipment	Electrical	lines	Linear armature	TN9 traverses	steel products	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- 10-2.2-2G-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- 10-2.2-2G-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- 10/6 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	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 TVI M-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 TVI M-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 TVI M-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-	transformers are different	according to the passport characteristics of the	pcs	2	2	
		• • •	I			1.2-2V-0,5S // 10P-150 // 5		manufacturer	•	l		

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 UHL1	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	1	160000	160000	
661	012_UA00131954_0178	Energy resources	liquid	Fuels and lubricants	petrol	A95 petrol	Fuel	A95 petrol	ı	23000	23000	
662	012_UA00131954_0179	Energy resources	liquid	Fuels and lubricants	Diesel fuel	Diesel fuel		-	ı	120000	120000	
663	012_UA00131954_0180	Energy resources	liquid	Fuels and lubricants	Liquefied gas	Propane gas	Fuel	Propane gas	ı	6000	6000	
664	012_UA00131954_0181	Energy resources	liquid	Supplies	Transformer oil	Transformer oil	transformer oil hydrocracking GK	Olive	1	2000	2000	
665	012_UA00131954_0182	Energy resources	liquid	Supplies	Transformer oil	Transformer oil	transformer oil T-1500	Olive	1	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-6300/J10-UI GOST (TU, T2) 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 V- n / V-n / D-0-11 HVAC on-load tap-changer adjustment +/ 9-M.5; MV PBV regulation 1-22.2,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external howement 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 for-load tap-changers, V-380 Supply voltage of cooling for-load tap-changers, V-380 Supply voltage of cooling for-load tap-changers, W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for the W-380 Supply voltage of cooling for-load tap-changers for-load tap-changers for-load tap-changers for-load tap-changers for-load tap-changers for-load tap-changers for	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 filling, in V1 S15000 ON 38500 NN 11000 Scheme and group of connection V- n / V-n / D-0-11 HVAC on-load tap-changer +/ 8-45.15 HVAC adjustment of PSV + 722.25% 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 / non-load tap-changer, 8 = 220 Supply voltage of cooling / on-load tap-changer motors, 8 = 220 Cooling type to (DAME) get between 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, KWA 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 +/- x94,78% MV DWP adjustment +/- x22,5% 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 (no-load tap-changer voltage, ~380 Cooling system (no-load tap-changer voltage, ~380 Cooling system (no-load tap-changer voltage, ~380 Cooling type D Dispatch (with oil, without oil) with oil Stability test at kz External insulation A Bullit-normal transformers HV + H + 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, T2) GOST 12965-94 Quantity, (pieces) 2 Fower, JKVA 16000 Voltage of windings at idling, in VN 115000 X 935500 NN 5300 Scheme and group of connection Y- n / Y-n / D-0-11 HV on-load tap-changer adjustment +/- 941, 25W DVW adjustment +/- 242,5W Frequency, H± 50 Number of phases 3 Installation (external, Internal) external Movement of the transformer longitudinal / cross Form of rollers with flanges Track, mm 15244/2000 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 (DNAF) 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 12965-34 Quantity, (pieces) I Power, IVA a000 Voltage of windings at faling, in VN 35000 NH 10500 Scheme and group of connection Y / D-11 On-load tap-changer adjustment +/-841,5% Frequency, Hz 50 Number of phases 3 Installation (external, internal) external Transformer movement longitudinal / Iransverse Shape of Collers with finanges Track, mm 1524/2000 Supply voltage of on-load control circuits on-load tap-changer power supply, 8 - 380 Type of coiling 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 idligin, in VN 35000 NA 6300 Scheme and group of connection Y / D- 11 HV 0-hoad tap-changer adjustment +/- 94.15/k MV so hoard 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, Be 380 Supply voltage of on-load tap-changer, B = 380 Type of cooling M External Insulation A Bullt 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/S	IMB-170 300/600/5	Voltage class, kV 150 Frequency, Hz 50 Nominal primary current, A 500/600 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 / 0,2 5 for protection 109 / 109 / 109 Current of thermal stability, kA not less than 13-26 Current of electrolynamic stability, kA not less than 63-126 Power of loging. WA 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 / 0,2 5 for protection 109 / 109 / 109 Current of thermal stability, kA not less than 13-26 Current of electrolynamic stability, kA not less than 63-126 Power of loging / kA 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 s 150000 / 43 The value of the maximum operating voltage, B 172000 / 33 The value of the rated voltage of the main secondary winding, B 100 / 43 The value of the rated voltage of the secondary secondary winding, B 100 The rated power of the main 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 1500 Value of alternating current frequency, H± 50 Minimum normalized value of the specific length of the leakage current path, cm / KV 3.1 Operating temperature, *C 440 * 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 /v3 Value of nominal voltage of the main scondary winding, 10/03/100 /v3 Value of nominal voltage of the main scondary winding, 100 /v3 Value of nominal voltage of the additional scondary winding, 100 Value of nominal power of the main scondary 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, H. 50 Minimum normalized value of the specific length of the leakage current path, cm /W 2.25 Operating temperature, *C +40 -40 Number of pcs 3	pcs	3	3	

								Type LTB-170 (or similar) Three-pole control Yes Rated				
676	027_UA22800735_0011	Equipment	Electrical	Equipment for 110/35/10 kV substations	Switches	SF6 switch 150 kV LTB-170 (or full analog)	LT8-170	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 galvanited racky 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)	LT8-145	Type LTB-145 (or similar) Three-pole control Ves Rated voltage, kV 145 Rated current, A 150 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 galvanited racks yes, 5 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, kd 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 5 O 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, kd 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 \$0 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 VPA (or similar) Rated voltage, IV 10 Maximum operating voltage, IV 12 Rated current, A 1250 Rated current tripping, IA, 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 circuits, B 220 Type of operating current variable Current of operation of electromagnets of shutdown for schemes with shunting, a S 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 ont less than 1200.	pcs	10	10	
681												
001	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_0016 027_UA22800735_0017	Equipment Equipment	Electrical Electrical	Equipment for 110/35/10 kV substations Equipment for 110/35/10 kV substations	Relay protection devices Relay protection devices	Rechargeable battery type A412 / 100 F10 (Zonenschein or similar) two sters, 4x10 A two sets	A412 / 100 F10 ?	voltage 220 V 18 elements, 1 reserve total capacity 100 A / h	pcs	2	2	
_						(Zonenschein or similar) two sets Charger and recharger for 220 V battery, 4x10 A two sets 110 kV overhead line protection panel based on ABB REL-670 terminal eight panels	?				_	
682	027_UA22800735_0017	Equipment	Electrical	Equipment for 110/35/10 kV substations	Relay protection devices	(Zonenschein or similar) two sets Charger and recharger for 220 V battery, 4x10 A two sets 110 kV overhead line protection panel based on	?	?	pcs	2	2	
682 683	027_UA22800735_0017 027_UA22800735_0018	Equipment Equipment	Electrical Electrical	Equipment for 110/35/10 kV substations Equipment for 110/35/10 kV substations	Relay protection devices Relay protection devices	(Zonenschein or similar) two sets Charger and recharger for 220 V battery, 4x10 A two sets 110 kV overhead line protection panel based on ABB REL-670 terminal eight panels Power transformer protection panel based on	? ABB REL-670 eight panels	?	pcs	2 8	8	
682 683 684	027_UA22800735_0017 027_UA22800735_0018 027_UA22800735_0019	Equipment Equipment Equipment	Electrical Electrical	Equipment for 110/35/10 kV substations Equipment for 110/35/10 kV substations Equipment for 110/35/10 kV substations	Relay protection devices Relay protection devices Relay protection devices	(Zonenschein or similar) two sets Charger and recharger for 220 V battery, 4:10 A two sets 10 kV overhead line protection panel based on ABB REI-670 terminal eight panels Power transformer protection panel based on ABB REI-670 terminal five panels	? ABB REL-670 eight panels ABB RET-670 five panels	? ? Pouble cabin (6 + 1 seats), workshop van, 4x4 all-wheel drive chassis Gas mask included: full-face panoramic mask (with mask, headband, adjustable straps and intercom, which protects the respiratory system, skin and	pcs pcs pcs	8 5	8 5	

688	027_UA22800735_0023	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 I, Oil sumy volume 2.8 I, 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 speration 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) - Leve 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, bardy 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)	Tumstile 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 polyvinychloride 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 - ross 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 - 15 mm2; insubinon 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 rop slings	strap, belt width - 50 mm, number of insurance attachment points -3, polyamide and polyester, sizes I, S, M, rope slings with two carbines 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, flastening 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, Vu-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 storage60 +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 k/A, vector group - U / Un-0, Nominal high voltage - 10 ± 2 × 2.5% k/V, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage60 +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	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	

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	

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 4x2S 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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 +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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 +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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 +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 ± 2 × 2.5% kV, nominal tow voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage - 400 + 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 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage - 400 + 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 aluminozinc, as a switching device - Load switch (VWA-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 aluminozinc, 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 aluminozinc, as the switching device - vacuum switches (VI-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 aluminozinc	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 X; Working temperature: from -250° 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 fastering 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 fastering 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 fastering 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 fastering 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 fastering 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 8PS). The panel is metal; Complete set with a porcelain rack with sponges under PN2 3 settly locks; Three-pole design; Fastening for a cable with a section of 50 mm2 botts 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 tateral, the drive shall is rigid with the handle which is removed from the drive is on a drive shalf (except RBS). The panel is metal; Compilete set with a proceibal rack with sponges protection of SU mn2 boils AM-10 (M-12) with weahers and engineers; Equipped with Tuses PM-2;	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles 'V-O'	pcs	3	3	

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 looks; Three-pole design; Fastening for a cable with a section of 50 mm2 botts 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	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 RFS); The panel is metal; Complete set with a porcelain rack with sponges under the procession stack with sponges under the procession stack with sponges under the procession of 50 mm2 bolts M-10 (M-12) with washers and section of 50 mm2 bolts M-10 (M-12) with washers and express; Equipped with fuses M-2.	Used indoors; Voltage 600 V., frequency 50 Hz; Mechanical endurance not less than 10000 cycles "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 Lises PN-2.		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 the plaq usility MRI copper. Fixed contacts are made of standard busines and are a 1-shaped not obtained to the contact are made of standard busines; and are a 1-shaped not obtained to the contact are made of the contac	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 K4V, vector group - U / Un-0, Nominal high voltage - 10 ± 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL 1, cooling - AN (natural), temperature of operation, transportation and storage60 +40 ° C	pcs	1	1	

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 1 2 × 2.5% kV, nominal low voltage - 400 V, nominal value of climatic factors - UHL1, cooling - AN (natural), temperature of operation, transportation and storage60 +40 ° C	pcs	1	1	
796	027_UA22800735_0131	Energy resources	liquid	Fuels and lubricants	petrol	A92 petrol	Fuel	A92 petrol	ı	180000	180000	
797	027_UA22800735_0132	Energy resources	liquid	Fuels and lubricants	petrol	A95 petrol	Fuel	A95 petrol	ı	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	ı	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	ı	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 5x4.5 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 -	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-	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	

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 LTB170D1	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 - 1500 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 \pm 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 \pm 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 6x3.2 mm, the estimated diameter of the steel core 3.2 mm, the estimated diameter of the entire wire 9.6 mm, 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: 90°C; The electrical resistivity of the wire material at a temperature of 20°C - not more than 0.0283 0hm mm2 / m - Temperature coefficient of electrical resistance at constant mass, 1 C.00043 - Time resistance to rupture - 150°15 MPa.	km	110	110	
827	023_UA00130926_0024	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines	Insulated wire	wire SIP Sng 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 polyethynen 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 / np. and are resistant to bending at a temperature of minus 40 °C. Pemissible 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 y/ 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 50 °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	

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, Nigh-voltage and low-voltage Bushings, oil conservator.	Transformer power oil tight. Rated power: 100 kVA Rated voltage IV: 10000 V Rated voltage IV: 400 V Diagram and vector group: A? Un-11 Type, range and number of stages of regulation: P89 × 22,5% life losses: 200 W Brot-crizont losses: 2200 W Brot-crizont of safety valve inputs and tags of neutral of IV winding should be selected for long-term load of current equal to 75% for transformers with writing diagram A / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, power coating. Worsen period of at least 33 years from the date of cellwery. Service life of at least 30 years from the date of commissioning.	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: 150 kVA Rated voltage IV-: 10000 V Rated voltage IV-: 400 V Diagram and vector group- 2, Un-11 Type, ange 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 lnputs and taps of neutral of IV winding should be selected for long-term load of current equal to 75% for transformers with wiring diagram J (Un-11 be provided with switches with sutomatic 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.	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 NY: 10000 V Rated voltage LV: 400 V Diagram and vector group: Δ/ Un-1.1 Type, range and number of stages of regulation: P92 v 2.25 kVid led Diagram shall be selected for long-term load of Current equal to '75% for transformers with the scheme of connection of windings A) Un-1.1 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.	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. 600 V Rated voltage LV. 600 V Bated voltage LV. 600 V Batege voltage LV. 600 V Bateger voltage LV. 600 V Bateger voltage and number of stages of regulation: P6V ± 2x.2.5% lide losses: 520 W Short-circuit losses: 4200 W Presence of Sateger voltage and the second of the spectra of 12 v winding should be selected for long-term load of current equal to 75% for transformers with the scheme of connection of windings Δ / Un-11 be provided with switches with automatic internal position lock. Anti-corrosion coating, powder coating. Warranty period of at least 3 wars from the date of delivery. Service life of at least 30 years from the date of commissioning.	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: 600 V Diagram and vector group. 5.0 Un-11 Type, nage and number of stages of regulation: PBV ± 2x.25% Idling losses: 800 W Short-circuit losses: 5500 W Pescence of contact terminals for low voltage linear inputs Presence of oil level float indicator Presence of safety valve Inputs and outputs of neutral winding U Should be selected for long-term current load equal to 75% for transformers with vinding connection scheme Дnaf U In voltage regulation (PBV) transformers must be equipped with switches with automatic Internal position lock. And corrosion coating, powder coating. Warranty period of at least 3 years from the date of cellivery. 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 in: 1000 V Diagram and vector group. 2 / Un-11 Type: range and number of stages of regulation: P8V ± 2x2,5% lide losses: 800 W Short-circuit losses: 1500 W	S		

								Transformer power oil tight. Rated power: 630 kVA Rated				
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.	voltage HV: 6000 V Rated voltage LV: 400 V Diagram and vector group; J VII-11 Type, range and number of stages of regulation: PBV ± 2x.2.5% 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	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 eveld 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.	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	Weight: 0.830 kg. For lines with voltage: 0.38 kV Armature type: Connecting Cable type: Insulated - SIP / AxXSn Purpose: Branch Conductor cross-section, mm²: 6-35, 16-95 Certificates: CE certification- European compiliance.	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 both with a polymer tear head. • Hard insulating plastic cap guarantees restoration of insulation of the end of the branch wire. • Contact plates fubricated with heurtral 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 TID . • GP model is equipped with an additional cap for wring. • Model TID . • FIZTA 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 kt, 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	

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 celement (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 A, 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.) 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 IA. 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	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 IA. 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 IA. Switching wear resistance of a test st1500 cycles. The type of maximum release is electromagnetic and thermal. Characteristic for disconnection Ci or setting of the maximum release 21 hom). Operating temperature range from -25 ° C to +40 ° C. Drivemanual.	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 wibstrade reinforced concrete. Certificate of conformity - meet the mandatory requirements of 15/10 8 a. 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 8-30. 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 wibstrade reinforced concrete. Certificate of conformity - meet the mandatory requirements of DSTU B 8.2 6-2: 2009 "Structures of buildings and structures. Concrete and reinforced concrete products. General specifications". Estimated bending moment 5.0 ts / m. Concrete class 8-80. Concrete grade - 400v.	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 kW with a cross section of \$5.50 mm. Coperating temperature range from .50°C + 50°C. Climator performance UH.1.5. Rated AC voltage with a frequency of 50 ftz .1kV. Couplings for cables with copper and aluminum cores (both sold and multi-wire), as well as with lead and aluminum sheath, with or without armon. No release of environmentally harmful	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 kW with a cross section of 70-120 mm. 2. Operating temperature range from 50° C + 50° C Climatic performance UH1. 1.5. Rated AC voltage with a frequency of 50 Hz - 18V. 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 resident to mechanical loads while tested for heating and cooling cycles, including in emergency mode. Presence in connecting couplings of sleeves with 4 both 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 coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling is not less than the service life of the coupling the life.	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 mm.2 Operating temperature range from .50° c + 50° c. Climatic performance UH1 1.5. Rated AC voltage with a frequency of 50 Hz - 1kV. Couplings for cables with coper and aluminum cross (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 botts which heads break. Couplings must have one solid housing for sealing the coupling, the cuping 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 mm 2 for voltages up to 10 kV. Operating temperature range from -50 °C to +50 °C. Climatic performance Unit 1, Unit 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 1 bots with deta-hable heads. Ally locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar northes. 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 materials 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 burns. Spring end: rounded. The set of the clutch includes cotton gloves.	1(
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 mm? 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) insulatation insulators of the 10 kV. Operators that of the contract of the 10 kV. Operators of the 10 kV. Operators of the 10 kV. Long-term temperature of heating of cable cores at nominal loading no more than 70° C. The set includes connecting steeves with 4 botts with detachable heads. Alloy locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar northes. 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 coupling 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 burst. Spring end: rounded. The set of the clutch includes cotton gloves.	21	
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, text 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 boths with deta-hable heads. Alloy locking connector that provides a secure connection between copper and aluminum cable cores. Cable core hole: round with lumbar northes. 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 core with sealant applied to it, the interfacial space is filled with polymeric material or mastic. Grater material contacts and contact in 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 amonothed, without cutting burst. Spring end: rounded. The set of the clutch includes cotton gloves.	1!	

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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 M 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 UH1. LJ US. 5 Confirmed by a passport (complete list) installation instructions, text 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 burns (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar northes to increase the contact area. No release of environmentally harmful substances during the installation of couplings and operation. Grater material: hard aluminum alloy or timed copper. The couplings are quipped 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 burns. 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 M 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 15-00. Climatic performance UH1, 1, UH1. S. Confirmed by a passport (complete list) installation instructions, text 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 lips: smooth without sharp edges and burrs (confirmed by visual inspection, when delivered to the warehouse). Cable core hole: round with lumbar nortches to increase the contact area. No release of environmentally and operation. Grater material: hard aluminum alloy or timed 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 raid appears are resultablation. The longitudinal edges of the spring tape are smoothed, without cutting burrs. Spring enter to 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 (NTP 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 79-120 mm. ² Deperating temperature range from -50° Cto 6-50° C. Climator performance PULI, JUHL 5. Confirmed by a passport (complete list) installation instructions, test report. Rated AC voltage with a frequency 650 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 particulation 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. The maximum allowable currents (short circuit) no more than 200° C. The set includes tips with two bolts with detachable heads. The maximum allowable and allowing the set of the cable core for the cround 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 timed copper. The coupling is are equipped with a non-soldered grounding system with a stainless steel spring and a kit for soldering the cable armon. Springs provide constant radial pressure after installation. The longitudinal edges of the spring tape are monthed, without cutting burns. Spring provide constant radial pressure after installation. The longitudinal edges of the pring tape are monthed, without cutting burns. Spring provide constant radial pressure after installation. The longitudinal edges of the pring tape are monthed, without cutting burns. Spring provide constant radial pressure after installation. The longitudinal edges of the	pcs	20	

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 sold 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. C 1 mids C performance UH1. Ly UN5. Confirmed by a passport (complete itsi) installation instructions, test report. Ratted AC voltage with a frequency of 50 ft - 10 kV. The permissible heating temperature of the cable (once 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 from circuit currents from circuit currents from circuit currents from circuit currents without routine to core scale includes tips with two bots with detachable heads. Tip material: an alloy that provides a secure connection between copper and aluminum cable cores (silumin and other soft alloy using an ent offered). The outer surface of the tips: smooth without sharp edges and burns (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: that aluminum alloy or timed copper. The couplings are equipped with a non-soldered grounding system with a stainless steel spring and a set for soldering to the cable arms. Syringe provide constant radial pressure after installation. The longitudinal edges of the signing tape are smoothed, without cutting burns. Spring endi-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 polying/ 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° t Ct o 5° 0°. C Permissible temperature of heating of velns 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° t C to 5° 0° 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	- 1	100000	100000	
878	023_UA00130926_0075	Energy resources	liquid	Fuels and lubricants	petrol	A95 petrol	Fuel	A95 petrol	ı	7000	7000	
879	023_UA00130926_0076	Energy resources	liquid	Fuels and lubricants	Diesel fuel	Diesel fuel	-	-	ı	40000	40000	
880	023_UA00130926_0077	Energy resources	liquid	Fuels and lubricants	Diesel automobile oils	Olive 10DM	Car oil	Olive 10DM	ı	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	ı	1800	1800	
882	023_UA00130926_0079	Energy resources	liquid	Fuels and lubricants	Petroleum automobile oils	Olive 10W40 Delvac	Car oil	Olive 10W40 Delvac	I	200	200	
883	023_UA00130926_0080	Energy resources	liquid	Fuels and lubricants	Diesel automobile oils	Olive M10G2K	Diesel automobile oil	Olive M10G2K	I	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, yapors and aerosols (dist, smoke, fog), with the possibility of operation of the mask by people who great glasses) and fifter combined amali size (without the use of corrugated tubes) 2nd protection class (ALVIEIXESOISSAP3D).	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 I, Oil sump volume 2.8 I, 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 I, 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 steet, plastic Dimensions and weight Volume: 1.8 I Height; 34 cn Diameter: 10.8 cm Additional information Cover type: valv Color of the producer: stainless stee Purpose: universal Packing; box. More on epicentrk.ua https://epicentrk.ua/shop/termose-classic-1800-ml-up-underprice.html		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 f 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 - 19 54 (waterproof), - Level of protection against falls from a height with an unlimited number of positions without damage - 1.5 m (rubberred 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)	Turnstile Python-2 - 2 pcs 2. Bandage bandage - 1 pcs 3. Hemostatic bandage - 1 pcs 4. Hemostatic compression bandage - 1 pcs 5. Occlusive dresign: - 1 pcs 6. Adjustable nasophanyngeal 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-haradrous substrances through exposed skin, as well as for degassing these substrances 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	

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-log 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 Nand: Germany Main characteristics Bosch 0603903006 Price: 1892 2 / pcs famil. Bosch Type of screwdriver: cordiess Tool purpose: household Operating mode: drilling, screwing Number of speeds: 2 Number of positions of the Outhor Lorge: 15 mm Speed control: electronic First gear speed: 450 prim Maximum speed (Jeildigs: 1650 prim bore diameter: 6 mm Battery Voltage: 120 / Battery capacity: 35 - h Battery Voltage: 120 / Battery capacity: 150 h Wasteries: 1 Power Supply Voltage: 121 /	Rechargeable	pcs	200		
902	023_UA00130926_0099	Equipment	Mechanical	instrument	instrument	Perforator	Characteristics Main characteristics Bosch 0603393122 Price: 2 977 p / pc. Brand: Bosch Bower type: mains Purpose of tool: bousehold Power 730 W Type of cartridge: SDS-plus Layout: horizontal Operating mode: 3 (drilling, drilling, with impact, inselling) Quantity speeds: 5 Speed control: by pressing the start button, fixing with a roller switch Maximum speed (diding) 1850 pm impact frequency: 4000 best; 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 into concrete: 26 mm Maximum diameter of drilling with a hollow crown: 65 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 (78549) Supply-voltage 21 V Warranty 12 months. Packing sutcase plasts: (repe of battery power Battery capacity 5.0 A · Power 2500 and more W Speed control by pressing the start button Massimum 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: Li · ibnumber of Laborator (Laborator) and Characteristics Battery voltage; 21 V Battery type: Lithium-ion (1 battery) Capacity: 5000 mA / h Disc diameter: 125 mm Idlings speed: 1000-3000-4500-8500 rpm Additionally: switch with locking function, spindle lock buttery replacement, case, 5-disc nubberized handle, complete plastic case, 5 disks, instruction, charger, battery 1pcs Brand Other Country of manufacture China Rumber of batteries 1 Quantity two-handled 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: 3 317.0 e/ pcs Functionality: manual arc welding (MMA) askimum welding current: 200 A liminimum welding current: 301 A minimum welding current: 302 A minimum welding current: 303 A minimum electrode diameter: 2.5 mm Maximum electrode diameter: 3.2 mm Power Supply voltage: 220 V Rate voltage: 59 V switching duration (TV): 60% Output current: constant of V Switching duration (TV): 60% Output current: constant of Switching duration (TV): 60% Output current: constant of Switching duration (TV): 60% Output current: constant of V Switching duration (TV): 60% Output current: constant of V Switching duration (TV): 60% Output current: on the Switching duration of V Switching duration (TV): 60% of	Electric arc	pcs	200		
905	088_UA42795490_0001	Equipment	Mechanical	General construction	Sheet pilling	Larsen sheet pile with equipment for their installation	Larsen sheet pile L5UM 2. Vibration sink for sheet piles	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 Emergency kits "STOPKIT 50" to eliminate leaks	Kit	Nominal diameter DN100 Pressure up to 80 bar	kit	5		
908	088_UA42795490_0004	Equipment	Mechanical	Devices and tools	Bandage	under pressure DN150	Kit	Nominal diameter DN150 Pressure up to 80 bar	kit	5		

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 p.cs, nozile 100A dpc, nozile 80A-50 pcs, nozile 60A-50 pcs, nozile 60A-50 pcs, nozile 60A-50 pcs, nozile 60A-50 pcs, protective cap for position 20 pcs, protective cap for position 20 pcs, protective cap for gougling -4 pcs, contact tip -10 pcs, gas diffuser -9 pcs, retaining cap -4 pcs, air filter, filter cartridge 5 pcs, noulation 8tt -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	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 I/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 I / min, working pressure (air) - not less than 8 bar, supply voltage - 380V or 220V	pcs	30	

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 -	pcs	30	
931	088_UA42795490_0027	Equipment	Gas		0	Machine for plasma cutting of pipes	Diesel generator 380V or 220V, 12-13 kWA	not higher than 36V (adapter 220V) 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	The station is mounted on the chassis of the car by the whee 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 ; 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 semitrailer equipped with a tractor with a wheel formula 6x6. https://drive.google.com/file/d/IXCIsswn18HVVBlorPypsDj4 SefCxyTul/view?uspssharing	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: 30W: 7200 lumens - Two heads 50W: 12,000 lumens - Two heads 50W: 24,000 lumens - Two heads 50 for glief-cast aluminum casing with stainless steel fitting - Strong die-cast aluminum casing with stainless steel fitting - Designed for industrial applications • Toughened glass lens • IPGS 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		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 DNS00	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	

10 10 10 10 10 10 10 10	March Description Descri					,		4					
19	20	948	088_UA42795490_0044	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN1200 p	ocs	26	
10 10 10 10 10 10 10 10	The contribution of the co	949	088_UA42795490_0045	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN1400 p	ocs	26	
100 100		950	088_UA42795490_0046	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN400 p	ocs	26	
100 100 JAN 275060 2000 Epigement Mechanism Devices and hole Washing accessories. The accessories and processories and processories and processories and processories. The accessories and processories and processories and processories and processories. The accessories and processories and proces	See Display 1947 1940 2000 February 1947 1947 1947 1947 1947 1947 1947 1947	951	088_UA42795490_0047	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN500 p	ocs	26	
Section of the control of the contro	Designation of the control of the co	952	088_UA42795490_0048	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN700 p	ocs	26	
Section Section (Section (Sect	Section Control of the Control o	953	088_UA42795490_0049	Equipment	Mechanical	Devices and tools	Welding accessories		0	Diameter DN800 p	ocs	26	
Secure development of the control of	Section Section (Control Control Contr	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 p	ocs	26	
Section of the Contract of Con	Description Control of the Contr	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 p	ocs	26	
See Colls_UA42796400_0054 Equipment Mechanical Devices and tools Pressure repair equipment Mechanical Devices and tools P	Section Control of the Control o	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 p	ocs	26	
Devices and loos Pressure repair eguipment Installation for fractors instantion to the perspiritor / Installation for fractors instantion for the perspiritor / Installation for fractors instantion f	Devices and bools Devices and b	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	ocs	20	
969 088_UA42795490_0055 Equipment Mechanical Machinery Gas compressors with Machinery Gas com	959 088_UA42795490_0055 Equipment Mechanical Machinery Gas compressors Mesik compressors Mesik compressors Mesik compressor unit 1. The Mile Para 370 installation is mounted on the children of station on the centre of the control of station on the centre of station on the sense of station	958	088_UA42795490_0054	Equipment	Mechanical	Devices and tools	Pressure repair equipment		Installation for fireless insertion into the gas pipeline / HOT TAPPING MACHINE E320	Outer diameter of the mail gas pipeline, mm: from 159 to 1420 Wall thickness of the mail gas pipeline, mm: from 6 to 32 Maximum operating pressure a twink the main gas pipeline to be inserted, kgf / cm². 75 Specifications of ENR GENERAL MACHINING E300 (model being in use already) insertion range (tap range)	ocs	2	
equipment: - Needle filter (length 6-8 m, perforation 700-1000 mm) -100pcs, - Pumping hose 4s (1/25m) -1 pcs, - Lease 4 for drainage of liquid (150 m) 1 piece; - Collector 4 for water drainage (5-8 m) -1 pcs, - Sepan) - 2 pcs, -	960 088_UA42795490_0056 Equipment Mechanical General construction Installation water-reducing Installation Water-r	959	088_UA42795490_0055	Equipment	Mechanical	Machinery	Gas compressors	Mobile compressor unit	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 th semi-trailer 2. The tractor with the wheel formula 6x6 in case or installation of station on the semi-trailer	pressure excess, minimum, not more than - 3.0 bar Output pressure excess, maimum, not less than - 55 bar Productivity is brought to normal conditions (atmospheric pressure 10.1325 Pa (760 mm. Hg), temperature 0 8°C, relative humidity 0%): at an inlet pressure of excess 55 bar, not less than 57000 nm² / h. – at an inlet pressure of excess 3.0 bar, not less than 1000 nm² / h. – at an inlet pressure of excess 3.0 bar, not less than 1000 nm² / h. – h. Gas temperature linlet gas temperature: — minimum, not higher than -5°C – maximum, not lower than -425°C Outlet gas temperature, not more than +15°C to arbitiont.	ocs	1	
961 USB_UN42/9599 UD07 Equipment Gas equipment Gas reduction Gas distribution station (Mode automated gas distribution	90 1 086 UA42/15989_UD7 Equipment Gas reduction Gas distribution station Monie automated gas distribution station (but) 0 pressure -3-12 bar pcs 4 082 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 083 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 084 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 085 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 087 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 087 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 088 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 089 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 089 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 089 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas reduction Gas distribution station (but) 0 pressure -3-12 bar pcs 4 089 UA42/15989_UD7 Equipment Gas equipment Gas reduction Gas reduc	960	088_UA42795490_0056	Equipment	Mechanical	General construction	Installation water-reducing	Installation water-reducing	equipment: - Needle filter (length 6-8 m, perforation 700:1000 mm) - 100pc; - Pumping hose 4-1,5 m1 - 1.pc; - Hose of ordrainage of liquid (150 m 1. 1 pices; - Collector 4 for water drainage (5-6 m, 6-5 taps); - 20 pc; - Suction hose 4'(1) connect the pump to the collector - 1 pc; - Flexible hose, rotar readle filter-collector '(1-15, m) - 110 pc; - Elbows 9' for the collector - 2 pc; - Elbow 45' a' for the collector - 2 pc; - 4 pc; -	Pump capacity, not less - 180 m³ / h; Suction height, not less - 8.5 m; Pressure, not less - 18 m; Depth of water descent - up to	ocs	2	
		961	088_UA42795490_0057	Equipment	Gas equipment	Gas reduction	Gas distribution station	Mobile automated gas distribution station (GDS)	0		ocs	4	
		962	088_UA42795490_0058	Equipment	Gas equipment	Gas reduction	Gas distribution station	Mobile automated gas distribution station (GDS)	0		ocs	4	

984 088_UA42795490_0060 Equipment Gas equipment Gas reduction Gas distribution station Mobile automated gas distribution station 600 0	Productivity - 30,000 m3 / h Inlet pressure - up to 75 bar Outlet pressure - 3-12 bar 0 0 0 0 0 0 0 0 0 0 0 0 0	pcs t pcs pcs pcs pcs pcs pcs pc	4 10 600 180 60 1800 90 15 15 15 10 112 455 100 20	
966 016_UA22815333_0002 Equipment Electrical Equipment for 10-0.4 KV overhead power lines	0 0 0 0 0 0 0 0 0 0	pcs	600 180 60 1800 90 15 10 112 455 100 20	
Per	0 0 0 0 0 0 0 0 0	pcs	180 60 1800 90 15 15 10 112 455 100 20	
Per	0 0 0 0 0 0 0 0 0	pcs	60 1800 90 15 15 10 112 455 100 20	
Per	0 0 0 0 0 0 0 0	pcs	1800 90 15 15 10 112 455 100 20	
Equipment Electrical Equipment for 110-35 kV overhead power lines Uninsulators Insulators Insulat	0 0 0 0 0 0 0	pcs pcs pcs pcs pcs pcs pcs pcs	90 15 15 10 112 455 100	
970	0 0 0 0 0 0	pcs pcs pcs pcs pcs	15 15 10 112 455 100 20	
971	0 0 0 0 0	pcs pcs pcs pcs pcs	15 10 112 455 100 20	
972	0 0 0 0	pcs pcs pcs pcs	10 112 455 100 20	
973	0 0 0 0	pcs pcs pcs	112 455 100 20	
976 016_UA22815333_0011 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Supports V-9.5 0 976 016_UA22815333_0012 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Traverse TM-1 0 977 016_UA22815333_0013 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Traverse TM-1 0 978 016_UA22815333_0014 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Traverse TM-6 0 978 016_UA22815333_0014 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Header OG-2 0 979 016_UA22815333_0015 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Coupling fittings 0 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Coupling fittings 0 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Capilment	0 0 0	pcs pcs	455 100 20	
975 016_UA22815333_0011 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 976 016_UA22815333_0012 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 977 016_UA22815333_0013 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 978 016_UA22815333_0014 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 979 016_UA22815333_0015 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines	0	pcs pcs	100	
976 016_UA22815333_0012 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 977 016_UA22815333_0013 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 978 016_UA22815333_0014 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 979 016_UA22815333_0015 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 970 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines	0	pcs	20	
977 016_UA22815333_0013 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 978 016_UA22815333_0014 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 979 016_UA22815333_0015 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines	0		-	-
978 016_UA22815333_0014		pcs		1
979 016_UA22815333_0015 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Linear armature Coupling fittings 0 980 016_UA22815333_0016 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Insulated wire Cable ASx6n-4x50 0	0		20	_
980 016_UA22815333_0016 Equipment Electrical Equipment of 10-0.4 kV overhead power lines Cable ASx6n-4x50 0		set	150	_
power lines	0	km	8	-
981 016 UA22815333 0017 Equipment Flectrical Equipment for 10-0.4 kV overhead Insulated wire Cable &SSSn4v70	0	km	6	
power inter- power	0	km	4	
power inter-	0	pcs	300	
power lines power	0	pcs	50	+
985 016 U22815333 0021 Equipment Electrical Equipment for 10-0.4 kV overhead Linear SID fittings (Linear SID fittings	0	pcs	300	+
power lines power lines power lines power lines power lines Cobb NUC 4410	0	km	1	+
0,4 kV	·		+	_
98/ UT6_UA2281533_0U23 Equipment Electrical Equipment IP-RP 10/6 / U.4kV Power transformers 100/6 (10) / 0.44U with transformer TM-100/10 0	0	pcs	3	
986 U16_UA22815333_UU24	0	pcs	2	\perp
969 016_UAZZ019353_UZ25 Equipment Electrical Equipment IP-RF 10/07/0,48V without transformers assembled	0	pcs	300	
990 016_UA22815333_0026 Equipment Electrical Supplies Transformer oil Transformer oil VG 0 001 119_UA2443032_0001 Equipment Electrical Equipment for 10-0.4 kV overhead Supplies criptored respects 6V 10-2-6	0	t	80	-
991 110 UNG 144930 UNG Equipment Electrical power lines Supports removed converted 47 20-25 0	0	pcs	150	$-\!\!\!+\!\!\!\!-$
992 116_UA31443937_UUU2 Equipment Electrical power lines Supports nakkremioted unicled 99-95 0	0	pcs	300	$-\!\!\!\!\!+\!\!\!\!\!\!-$
993 116_UAS144-9357_UUUS Equiphient Electrical power lines Uisconnectors navo 1/950/uisconnector with risk	0	pcs	500	
994 116_UA3144-3357_UU4 Equipment Electrical power files Disconnectors New 2-39 (UA) Disconnector 0	0	pcs	50	$-\!$
995 118_UA31443937_0005 Equipment Electrical Equipment for 10-0.4 kV overhead power filmes Insulators Procedure pin insulator ShF-20 0	0	pcs	300	\bot
996 118_UA31443937_0006 Equipment Electrical Equipment for 10-0.4 kV overhead power lines Porcelain pin insulator TF-10 0	0	pcs	1000	\perp
997 118_UA31443937_0007 Equipment Electrical Equipment for 110-35 kV overhead power lines Insulators Basic IO-110 insulator 0	0	pcs	100	\perp
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 of 10-0.4 kV overhead power lines SuP 12.1 clamp 0	0	pcs	300	

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	Linear SIP fittings	Clamp SO 157.1	0	0	pcs 1000	
				power lines Equipment for 10-0.4 kV overhead			·	·		
1008	118_UA31443937_0018	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Linear SIP fittings	Clamp SO234S	0	0	pcs 300	
1009	118_UA31443937_0019	Equipment	Electrical	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	Linear armature	Clamp A4A- 185	0	0	pcs 100	
1013	118_UA31443937_0023	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Linear armature	Clamp A4A-150	Ō	0	pcs 100	
				power lines Equipment for 110-35 kV overhead		·				
1014	118_UA31443937_0024	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Linear armature	Clamp A4A-120	0	0	pcs 200	
1015	118_UA31443937_0025	Equipment	Electrical	power lines	Linear armature	Clamp A4A- 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 118_UA31443937_0032	Equipment	Electrical Electrical	Supplies	Cable Cable	cable 7x2.5 cable 10x1.5	0	0	m 300 m 300	
1022	118_UA31443937_0032	Equipment Equipment	Electrical	Supplies Supplies	Cable	cable 14x1.5	0	0	m 300	
1024	118_UA31443937_0034	Equipment	Electrical	Supplies	Cable	cable 19x1.5	0	0	m 300	
1025	118_UA31443937_0035	Equipment	Electrical	Supplies	Cable	Cable ASBI 10 3x120	0	0	m 500	
1026	118_UA31443937_0036	Equipment	Electrical	Supplies	Cable	Cable ASBI 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 118_UA31443937_0045	Equipment Equipment	Electrical Electrical	Equipment TP-RP 10/6 / 0,4kV Equipment TP-RP 10/6 / 0,4kV	Power transformers Power transformers	TransformerTM (or TMG) 160-10 / 0.4 TransformerTM (or TMG) 250-10 / 0.4	0	0	pcs 5 pcs 5	
1035	118_UA31443937_0046	Equipment	Electrical	Equipment for 110/35/10 kV	Power transformers	Transformer TDTN 16 000 / 110-35-10 (10) U1	0	0	pcs 2	
1037	118_UA31443937_0047	Equipment	Electrical	substations 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	Power transformers	Transformer TDTN 10000 / 35-6 (10) U1	0	0	pcs 1	
1040	118_UA31443937_0050	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	Current transformer TFZN-35 150/5	0	0	pcs 9	
1041	118_UA31443937_0051	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	Current transformer TFZM 110 50/5	0	0	pcs 6	
1042	118_UA31443937_0052	Equipment	Flectrical	substations Equipment for 110/35/10 kV	Instrument transformers	Voltage transformer ZNOMP-35	0	0	pcs 9	
				substations Equipment for 110/35/10 kV						
1043	118_UA31443937_0053	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	transformer TSN 25 kV A 10 / 0.4	0	0	pcs 2	+ + + + -
1044	118_UA31443937_0054	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	transformer TSN 25 kVA 6 / 0.4	0	0	pcs 2	
1045	118_UA31443937_0055	Equipment	Electrical	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	

1050	118_UA31443937_0068	Carrie manes	Electrical	Equipment TP-RP 10/6 / 0,4kV	Linear SIP fittings	Clares elete DA 2 2	0	0		450			$\overline{}$
1058 1059	118_UA31443937_0069	Equipment Equipment	Flectrical	Equipment TP-RP 10/6 / 0,4kV	Linear SIP fittings	Clamp plate PA 3-2 Clamp plate PA 2-2	0	0	pcs	300		\vdash	
1060	118_UA31443937_0009	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Tips	Connector of a cable steel SVS-50 (for a cable of	0	0	pcs	200			
1060	118_UA31443937_0070 118_UA31443937_0071	Equipment	Electrical	Equipment for 10-0.4 kV overhead	Linear armature	S-50) Bracket SKD-10-1	0	0	pcs	600		\vdash	İ
1062	118_UA31443937_0072	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Linear armature	Earring Wed 7-16	0	0	pcs	600			
1063	118_UA31443937_0073	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead power lines	Linear armature	Ear U1-7-16	Ö	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	Ō	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	 	$\perp \perp \downarrow$	\vdash
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	<u> </u>	\sqcup	\square
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	†		
1075	118 UA31443937 0086	Equipment	Mechanical	Devices and tools	Chainsaws	Chainsaw with 20 "tire	0	0	pcs	20		\vdash	-
1077	118 UA31443937 0087					Rope cotton 14	0	0	m	200		+	-
		Equipment	Electrical	Supplies	Supplies						+-+-	\vdash	-
1078	118_UA31443937_0088	Equipment	Electrical	Supplies	Supplies	Rope cotton 18	0	0	m	200	+-+-	-	$\overline{}$
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			ı
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 Equipment of 110-35 kV cable	Instrument transformers	Transformer power TS-630 kVA 10 / 0.4 kV Coupling cable transitional 35 kV LAST 42 /	0	0	pcs	2			—
1086	029_UA41946011_0007	Equipment	Electrical	transmission lines Equipment of 110-35 kV cable	Cable couplings	1x120-240-3HL Coupling cable connecting 35 kV POLJ-42 /	0	0	pcs	12		\vdash	—
1087	029_UA41946011_0008	Equipment	Electrical	transmission lines Equipment of 110-35 kV cable	Cable couplings	1x500 Coupling cable connecting 35 kV POLJ-42 /	0	0	pcs	12			
1088	029_UA41946011_0009	Equipment	Electrical	transmission lines Equipment of 110-35 kV cable	Cable couplings	1x300-400	0	0	pcs	12		\vdash	—
1089	029_UA41946011_0010	Equipment	Electrical	transmission lines Equipment for 110-35 kV overhead	Cable couplings	Coupling cable final 35 kV POLT-42F / 1XI-L16	0	0	kit	6		\vdash	—
1090	029_UA41946011_0011	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Uninsulated wire	Wire AC-185/29	0	0	kg	1000			
1091	029_UA41946011_0012	Equipment	Electrical	power lines Equipment for 110/35/10 kV	Uninsulated wire	Wire AC-300/39 The 35 kV B35B-LE-51 / K-U1 block with vacuum	0	0	kg	1400		_	
1092	029_UA41946011_0013	Equipment	Electrical	substations Equipment for 110-35 kV overhead	Switches	switches like 3AF0141	0	0	kit	5	\square	\vdash	
1093	029_UA41946011_0014	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Supports	Reinforced concrete rack SK-26	0	0	pcs	8		\vdash	
1094	029_UA41946011_0015	Equipment	Electrical Electrical	power lines Equipment of cable power lines of 10-	Supports Cable couplings	Anchor-angular support U-110-2 Coupling cable connecting 10 kV FIELD 24 /	0	0	pcs	20		\vdash	
1095	029_UA41946011_0016 029_UA41946011_0017	Equipment Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings Cable couplings	1X240-400 Coupling cable connecting 10 kV FIELD 24 /	0	0	pcs	30		\vdash	
1096	029_UA41946011_0017 029_UA41946011_0018	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings	1X120-240 Coupling cable connecting 10 kV FIELD	0	0	pcs	12	+	\vdash	
1097	029_UA41946011_0019	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings	24/1X500 Coupling cable transitional 10 kV LAST 24 120-	0	0	pcs	16		\vdash	
1030	020_0/41040011_0019	Equipment	Licotrical	0,4 kV	Oabic coupings	240 3HL		-	pc			oxdot	
1099	035_UA00100227_0001	Equipment	Electrical		0	Drive control cabinet	BLG 1002A firm "AVV", or equivalent for a switch LTB 420E2 № 1HSB01113009 2011 year of production.	Spring drive. Unipolar installation. Three-pole control mode. Universal electric motor 220 V.	pcs	1		1	, 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) windings - 0.2 5, 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	SFG 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 /V3 kV. The accuracy class of the windings is 0.5. The rated power of the windings is 0.0 W. SF6 internal environment. Polymeric external insulation.	pcs	3			

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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. Acc.	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 unpoteal. 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 (KRPZ) 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	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	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	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	0	0	pcs	24	
1121	006_UA00131713_0018	Equipment	Electrical	Equipment for 110/35/10 kV substations	Packaged transformer substations	Complete switchgear (KRPZ) 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 Current transformer 110 kV 600/5, number of	0	0	pcs	12	
1131	006_UA00131713_0028	Equipment	Electrical	Equipment for 110/35/10 kV substations	Instrument transformers	secondary windings of 5 pieces: 10P / 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	

			I	Equipment for 10-0.4 kV overhead					1		
1135	006_UA00131713_0032	Equipment	Electrical	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	Ō	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 LKTs-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 / 1XI-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)	Ō	set	6	
1168	020_UA32402870_0001	Equipment	Electrical	Machinery	Mechanisms are mobile	Mobile high-voltage laboratory type ETL-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	BKM	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	Flectrical	Equipment for 10-0.4 kV overhead	Supports	Goods	SV-10.5	0	pcs	280	

1179	020_UA32402870_0012	Equipment	Electrical	Equipment for 10-0.4 kV overhead	Supports	Stands	SV-9.5	0	pcs	232		
				power lines Equipment for 10-0.4 kV overhead			AC-70	0	pcs .	-		
1180	020_UA32402870_0013	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Uninsulated wire	Bare wire		·	t	4,33		
1181	020_UA32402870_0014	Equipment	Electrical	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	Ō	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	Overvoltage limiters	OPN	OPN-6 / 7.2	0	pcs	120		
1190	020_UA32402870_0023	Equipment	Electrical	power lines Equipment of cable power lines of 10-	Cable couplings	Heat-shrink couplings of 10 kV	connecting	70-120 mm2	set	150		
1191	020 UA32402870 0024	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings	Heat-shrink couplings of 10 kV	connecting	150-240 mm2	set	100		
1192	020_UA32402870_0025	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-		Heat-shrink couplings of 10 kV	final indoor installation	70-120 mm2	set	50	= +	
1193	020_UA32402870_0026	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings		final indoor installation	150-240 mm2		50		
				0,4 kV Equipment of cable power lines of 10-		Heat-shrink couplings of 10 kV			set			
1194	020_UA32402870_0027	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	Cable couplings	Heat-shrink couplings of 10 kV	final outdoor installation	70-120 mm2	set	50		
1195	020_UA32402870_0028	Equipment	Electrical	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 with 2 power transformers with a capacity of 250 kVA (cable	0	set	120		
1204	020_UA32402870_0037	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Packaged transformer substations	KTP-6/04 kV	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	. 1	
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	A4A-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 020_UA32402870_0047	Equipment Equipment	Electrical Electrical	Computer networks Equipment TP-RP 10/6 / 0,4kV	Telecommunications Cable	Cable The cable is low-voltage	twisted pair UTP ВВГнгд	cat5e 4x2x0.51 4x2.5	m m	1050 5500	\rightarrow	-
1215	020_UA32402870_0047	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage The cable is low-voltage	ВВГнгд	4x4	m	4086	\rightarrow	- -
1216	020_UA32402870_0049	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	ВВГнгд	4x6	m	3230		
1217	020_UA32402870_0050	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	ВВГнгд	4x10	m	3280		
1218 1219	020_UA32402870_0051 020_UA32402870_0052	Equipment Equipment	Electrical Electrical	Equipment TP-RP 10/6 / 0,4kV Equipment TP-RP 10/6 / 0,4kV	Cable Cable	The cable is low-voltage The cable is low-voltage	кVВГЕНГ кVВГЕНГ	4x1.5 7x1.5	m m	800 800	\rightarrow	
1219	020_UA32402870_0052	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage The cable is low-voltage	кVВГЕНГ	10x1.5	m	800	\rightarrow	-
1221	020_UA32402870_0054	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	кVВГЕнг	14x1.5	m	800		
1222	020_UA32402870_0055	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	кVВГЕнг	4x2.5	m	800		
1223	020_UA32402870_0056	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	кУВГЕНГ	7x2.5 10x2.5	m	800		-
1224 1225	020_UA32402870_0057 020_UA32402870_0058	Equipment Equipment	Electrical Electrical	Equipment TP-RP 10/6 / 0,4kV Equipment TP-RP 10/6 / 0,4kV	Cable Cable	The cable is low-voltage The cable is low-voltage	KVBLEHL KABLEHL	10x2.5 14x2.5	m m	800 800	\rightarrow	- - -
1226	020_UA32402870_0059	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Cable	The cable is low-voltage	кУВГЕнг	19x2.5	m	800		
1227	020_UA32402870_0060	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Supplies	No.	WORKER 15.6 "laptop; Full HD; Intel Core i5; 8GB RAM; SSD; Ethernet	0	sq.m	793	=	
1228	020_UA32402870_0061	Equipment	Electrical	Computer equipment	Computers	Workstation	(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 / IS- 10500, Windows 10 Professional 32-bit / 64-bit All Ling LCD Lic, Microsoft Office2019, Monitor Dell U27190 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-S)	0	pcs	21		
1231	020_UA32402870_0064	Equipment	Electrical	Equipment for 110/35/10 kV substations	Switches	SFG switch 110 kV	LTB 123 D1 / B	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 z = 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	PEXLIM 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	Disconnector 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	Disconnector 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	Disconnector three-phase horizontal-rotary with a double break of 110 kV	GW56-126DII	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	Disconnector 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). 1250 A, 40 kA / 3 c, two sets of grounding knives, three motor	pcs	25		
1239	020_UA32402870_0072	Equipment	Electrical	Equipment for 110/35/10 kV substations	Disconnectors	Disconnector 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	current of 220 in 35 kV 1000 A disconnector 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	entire service life 35 kV current transformers with cast insulation 100/5, number of secondary windings 3 pcs: 10P / 10P / 0.5 S 35 kV current transformers with cast insulation	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 (KRPZ) 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		
												_

				Equipment of cable power lines of 10-							\Box	
1256	002_UA23359034_0015	Equipment	Electrical	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	Ō	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	ı	
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	Insulators	Insulators glass PS-70	0	0	pcs	3000		
1267	002_UA23359034_0026	Equipment	Electrical	substations Equipment for 110/35/10 kV substations	Insulators	Insulators glass PS-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	disconnector 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. Breaking force 500 kg.	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	Equipment for 10-0.4 kV overhead	U OUR SWI	WTO-36 clamp	0	profiled stainless steel plate 2-3 mm thick	pcs	2100		$\overline{}$
1287	002_UA23359034_0046	Equipment	Electrical	power lines	Linear SIP fittings	clamp SO-118	0	linear-suspended fittings for mounting SIP	pcs	200		

				Equipment for 10-0.4 kV overhead							
1288	002_UA23359034_0047	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Linear SIP fittings	clamp SO-130	0	linear-suspended fittings for mounting SIP pcs		500	
1289	002_UA23359034_0048	Equipment	Electrical	power lines	Linear armature	ShF-20 G insulators	0	pin porcelain insulator for rated voltage up to 1 kV pcs	: 1	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 10 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		?	
1309	002_UA23359034_0068	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Power transformers	TMG-400/6	0	nominal voltage of 10 kV 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		?	
1311	002_UA23359034_0070	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Power transformers	TMG-1000/6	0	nominal voltage of 6 kV 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_000	Equipment	Electrical	Devices and tools	Tools	Open end wrench set 6 - 32 mm	0	0	pcs	335	
	4	Equipmont	Liodulda	Dovided and tools	1000			-	,		
1316	117_UA39307323_grids_000 5	Equipment	Electrical	Devices and tools	Tools	Cable shears	0	0	pcs	56	
1317	117_UA39307323_grids_000 6	Equipment	Electrical	Machinery	Mechanisms	Hydraulic press for end connectors from 10 to 240 mm.	0	0	pcs	56	
1318	117_UA39307323_grids_000 7	Equipment	Electrical	Supplies	Supplies	LED floodlight, on a tripod	0	0	pcs	100	
1319	117_UA39307323_grids_000 8	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 SB4 / 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 SB4 / 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	

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	? 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		1002,33	
1342	115_UA39307323_coal_0023	Equipment	Electrical	0	CUTTER CL 7.80	0	0		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		1368,67	
1345	115_UA39307323_coal_0026	Equipment	Electrical	0	POLYMER CAPSULE 25 / 300U	0	0		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		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	? KMP	1100,5	
1350	115_UA39307323_coal_0031	Equipment	Electrical	0	STEEL ARCH SUPPORT KSHPU-11,7 (SVP-22)	0	0	? KMP	1479,67	
1351	115_UA39307323_coal_0032	Equipment	Electrical	0	STEEL ARCH SUPPORT KSHPU-11,7 (SVP-27)	0	0	? KMP	1109,83	
1352	115_UA39307323_coal_0033	Equipment	Electrical	0	STEEL ARCH SUPPORT KSHPU-13,6 (SVP-27)	0	0	? KMP	716,17	
1353	115_UA39307323_coal_0034	Equipment	Electrical	0	STEEL ARCH SUPPORT KSHPU-14,4 (SVP-27)	0	0	? 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)	Ō	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 Φ14-19CM L2,8M	0	0	cub.m	80		
1359	115_UA39307323_coal_0040	Equipment	Electrical	0	WOODEN BEAM Φ14-19CM L2M	0	0	cub.m	228,63		
1360	115_UA39307323_coal_0041	Equipment	Electrical	0	WOODEN BEAM Φ14-19CM L3,8M	0	0	cub.m	3165,92		
1361	115_UA39307323_coal_0042	Equipment	Electrical	0	WOODEN BEAM Φ14-19CM L3M	0	0	cub.m	627,5		
1362	115_UA39307323_coal_0043	Equipment	Electrical	0	WOODEN BEAM Φ14-19CM 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	Log 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 CONYLATED	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 Ф27 L1,0M	0	0	pcs	128,33		
1385	115_UA39307323_coal_0066	Equipment	Electrical	0	SPIRAL TWIST DRILL ROD Ф28 L1,8M	0	0	pcs	93,17		
1386	115_UA39307323_coal_0067	Equipment	Electrical	0	SPIRAL TWIST DRILL ROD Φ28 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 24X86PKЛ.D3-3X2X11-480	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		
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December Communication C	Section Sect										
Dec	Manufact	1393 115_UA39307323_coal_0074	Equipment	Electrical	0		0	0	pcs	1000	
Dec	Marie Mari	1394 115_UA39307323_coal_0075	Equipment	Electrical	0	ASSEMBLY LINE 2.2 TK-200-1400X5-5 / 2	0	0	sq.m	50	
	Mathematical Math	1395 115_UA39307323_coal_0076	Equipment	Electrical	0	ASSEMBLY LINE 2,1-1600-7TK200-2-8-3-6-P6	0	0	sq.m	50	
		1396 115_UA39307323_coal_0077	Equipment	Electrical	0	ASSEMBLY LINE 2.2-1000-5-TK-200-2-5-2-И-РБ	0	0	sq.m	75	
1.000 1.00	Mathematical Mat	1397 115_UA39307323_coal_0078	Equipment	Electrical	0	ASSEMBLY LINE.1400 GTP EP 1000/5 4,5 + 3,5V	0	0	sq.m	250	
1800	Mathematical Content	1398 115_UA39307323_coal_0079	Equipment	Electrical	0	ASSEMBLY LINE.1200 GTP EP 1000/5 4.5 + 3.5	0	0	sq.m	250	
100 100	No.	1399 115_UA39307323_coal_0080	Equipment	Electrical	0	ASSEMBLY LINE 2.2 –1200-5 TK-200-2-5-2	0	0	m	50	
100 11 10 10 10 10 10 1	Section Sect	1400 115_UA39307323_coal_0081	Equipment	Electrical	0	ASSEMBLY LINE 1400 TZ 1000/5 PP 5 + 2	0	0	sq.m	150	
Page Tall MacRos Tall MacRos Tall MacRos Tall T		1401 115_UA39307323_coal_0082	Equipment	Electrical	0	VENTILATION DUCT Ф1000 20M	0	0	m	1903,12	
100 15 LINESSTEEL COUNTY 100		1402 115_UA39307323_coal_0083	Equipment	Electrical	0	MINE VENTILATION DUCT Ф1000 100ПМ	0	Ö	m	1525	
1.00 15_UN\$39723_cet_000 Contract Co		1403 115_UA39307323_coal_0084	Equipment	Electrical	0	FLEXIBLE MINE VENTILATION DUCT Ф1000	0	0	m	279,17	
Fig. 15_UASS0723_set_0000 Figure File Final		1404 115_UA39307323_coal_0085	Equipment	Electrical	0	FLEXIBLE MINE VENTILATION DUCT 800MM	0	0	m	58,33	
Section Sect		1405 115_UA39307323_coal_0086	Equipment	Electrical	0	VENTILATION DUCT Φ800	0	0	m	1293,33	
1910 19_000000000000000000000000000000000000		1406 115_UA39307323_coal_0087	Equipment	Electrical	0		0	0	m	1120	
1-10-10-10-10-10-10-10-10-10-10-10-10-10	Section Sect	1407 115_UA39307323_coal_0088	Equipment	Electrical	0	T22 (27) W133X133	0	0	pcs	4962,17	
Section February Section Sec	Harmon H	1408 115_UA39307323_coal_0089	Equipment	Electrical	0		0	0	pcs	2168,33	
1411 15_UASS07723_cod_0002	Marcha M	1409 115_UA39307323_coal_0090	Equipment	Electrical	0	ANCHOR IRMA 110 L2.0M	0	0	pcs	131,17	
1412 115_UA39307322_coal_0096	14	1410 115_UA39307323_coal_0091	Equipment	Electrical	0	ELECTRODE ANO-4 F3	0	0	kg	450	
1413 15_UA8907322_coal_0086 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c1 15.33 1.44 15_UA8907322_coal_0085 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c2 15.33 1.44 15_UA8907322_coal_0086 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 15.34 1.44 15_UA8907322_coal_0087 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1284.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1284.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 Equipment Electrical 0 GATE VALVE \$\textit{GY32 PN} 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 0 0 9c3 1275.7 1.44 15_UA8907322_coal_0088 0 0	Part	1411 115_UA39307323_coal_0092	Equipment	Electrical	0	ELECTRODE ANO-4 F5	0	0	kg	2315	
1414 115_UA3907733_coal_0096 Equipment Electrical 0 GATE VALVE (17/2 2P) 0 0 pc 181,33 1	14 15 15 15 15 15 15 15	1412 115_UA39307323_coal_0093	Equipment	Electrical	0	ELECTRODE 13/55 F4 GOST 9466-75	0	0	kg	678,5	
1416 115_UA39307323_coal_0096	1415 15 LASSOYTZZZ_CORU_0100 Equipment Electrical Electrical Company Com	1413 115_UA39307323_coal_0094	Equipment	Electrical	0	GATE VALVE ДУЗ2 ЧП (PRESSURE)	0	0	pcs	650,83	
1416 115_UA39307323_coal_0097 Equipment Electrical 0 GATE VALVE_D/23 PFI 0 0 pcs 12894,7 1 1 1 1 1 1 1 1 1	1416 15_UA\$3907323_coal_0087 Equipment Electrical	1414 115_UA39307323_coal_0095	Equipment	Electrical	0	GATE VALVE ДУ12 РП	0	0	pcs	183,33	
1417 115_UA39307323_coal_0098	1417 15_UA39307323_coal_0008	1415 115_UA39307323_coal_0096	Equipment	Electrical	0	GATE VALVE ДУ12 РУ	0	0	pcs	490,17	
1418 115_UA39307323_coal_0109 Equipment Electrical 0 GATE VALVE DY25 YII 0 0 pcs 1121,5 1419 115_UA39307323_coal_0100 Equipment Electrical 0 GATE VALVE DY8 YII 0 0 pcs 2907,83 1420 115_UA39307323_coal_0101 Equipment Electrical 0 ROPE 22.5 DSTU 2688-80 0 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 125XL/DX22_Z METAL 0 0 pcs 125,83 1424 115_UA39307323_coal_0104 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 113,67 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 pcs 106,83 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125XL/DX22_Z METAL 0 0 0 0 0 0 0 0 0	1418 15_UA39307323_coal_0099 Equipment Electrical 0 0 0 0 0 0 0 0 0	1416 115_UA39307323_coal_0097	Equipment	Electrical	0	GATE VALVE ДУ12 ЧП	0	0	pcs	12894,7	
1419 115_UA39307323_coal_0100	1419 115_UA39307323_coal_0100 Equipment Electrical	1417 115_UA39307323_coal_0098	Equipment	Electrical	0	GATE VALVE ДУ20 РП	0	0	pcs	279,17	
1420 115_UA39307323_coal_0101	1420 115_UA39307323_coal_0102 Equipment Electrical 0 0 METAL WHEEL 125T3 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0	1418 115_UA39307323_coal_0099	Equipment	Electrical	0	GATE VALVE ДУ25 ЧП	0	0	pcs	1121,5	
1421 115_UA39307323_coal_0102 Equipment Electrical 0 METAL WHEEL 12 ST3 0 0 t 0,61 1 1422 115_UA39307323_coal_0103 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1,XX22,2 METAL 0 0 pcs 125,83 0 1423 115_UA39307323_coal_0104 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1,XX22,2 METAL 0 0 pcs 113,67 0 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1X2X22,2 METAL 0 0 pcs 106,83 0	1421 15_UA39307323_coal_0102 Equipment Electrical Electrical D. D. D. D. D. D. D. D	1419 115_UA39307323_coal_0100	Equipment	Electrical	0	GATE VALVE ДУВ ЧП	0	0	pcs	2907,83	
1422 115_UA39307323_coal_0103 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1,0X22,2 METAL 0 0 pcs 125,83 1 1423 115_UA39307323_coal_0104 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1,2X22,2 METAL 0 0 pcs 113,67 1 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X1,2X22,2 METAL 0 0 pcs 106,83 0	1422 115_UA39307323_coal_0103	1420 115_UA39307323_coal_0101	Equipment	Electrical	0	ROPE 22.5 DSTU 2688-80	0	0	kg	35,22	
1423 115_UA39307323_coal_0104 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X12X222, METAL 0 0 prs 113,67 - 1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X12X222, METAL 0 0 prs 106,83 -	1423 115_UA39307323_coal_0104	1421 115_UA39307323_coal_0102	Equipment	Electrical	0	METAL WHEEL 12 ST3	0	0	t	0,61	
1424 115_UA39307323_coal_0105 Equipment Electrical 0 CUT-OFF WHEEL 14A 125X2X22,2 METAL 0 0 pcs 106,83	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 0	1422 115_UA39307323_coal_0103	Equipment	Electrical		CUT-OFF WHEEL 14A 125X1,0X22,2 METAL		0	pcs		
	1425 115_UA39307323_coal_0106		Equipment	Electrical			0	0	pcs		
1425 115_UA39307323_coal_0106 Equipment Electrical 0 CUT-OFF WHEEL 14A 180X1,6X22 0 0 pcs 181,33		1424 115_UA39307323_coal_0105	Equipment	Electrical	0	CUT-OFF WHEEL 14A 125X2X22,2 METAL	0	0	pcs	106,83	
	1426 115 IJA39307323 coal 0107 Fruinment Flectrical 0 (IIT.0FE.WHEEL 1AA.180Y2 SY22 METAL 0		Equipment	Electrical		CUT-OFF WHEEL 14A 180X1,6X22	0	0	pcs		
1426 115_UA39307323_coal_0107 Equipment Electrical 0 CUT-OFF WHEEL 14A 180X2,5X22 METAL 0 0 pcs 70,83	120 To State Control C	1426 115_UA39307323_coal_0107	Equipment	Electrical	0	CUT-OFF WHEEL 14A 180X2,5X22 METAL	0	0	pcs	70,83	

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1427	115_UA39307323_coal_0108	Equipment	Electrical	0	CUT-OFF WHEEL 14A 180X2X22 METAL	0	0	pcs	339,67	\longrightarrow		
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 CTS355J2	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 4SP 12	0	0	m	11110,8			
1451	115_UA39307323_coal_0132	Equipment	Electrical	0	SLEEVE B / W 4SP 25	0	0	m	2445,98			
1452	115_UA39307323_coal_0133	Equipment	Electrical	0	SLEEVE B / W 2SN 12	0	0	m	1234,25			
1453	115_UA39307323_coal_0134	Equipment	Electrical	0	SLEEVE B / W 2SN 16	0	0	m	381,67			
1454	115_UA39307323_coal_0135	Equipment	Electrical	0	SLEEVE B / W 2SN 20	0	0	m	555			
1455	115_UA39307323_coal_0136	Equipment	Electrical	0	SLEEVE B / W 2SN 8	0	0	m	1234,73			
1456	115_UA39307323_coal_0137	Equipment	Electrical	0	SLEEVE B / W 4SP 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		\Box	
1458	115_UA39307323_coal_0139	Equipment	Electrical	0	PIPE P / E 75 SDR21 75X3.6 PU0.6 PE80	0	0	m	3231		\perp	
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		T	

1464	115_UA39307323_coal_0145	Equipment	Electrical		0	ASSEMBLY LINE 2SHTS (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 ShkV 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 ShkV 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	САВLЕ ВЭВББШВ-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	САВLE КТПЭПШВ 10X2X0,7 (ТППШВ 10X2X0,64)	0	0	kg	6,56		
1476	115_UA39307323_coal_0157	Equipment	Electrical		Cable	САВLE КТПЭПШВ 20X2X0,7 (ТППШВ 20X2X0,64)	0	0	kg	1,69		
1477	115_UA39307323_coal_0158	Equipment	Electrical		Cable	CABLE KГЭШ 3X50 + 1X10 + 3X4	0	0	kg	0,89		
1478	115_UA39307323_coal_0159	Equipment	Electrical		Cable	CABLE KCIIIA 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 - ETFt 650-172-1600 C E5 124 HSP type (or analog) Autotransformers AT-1,2 - (in / into) 330kV -	0	0	pcs	6		
1492	116_UA39307323_generation _0013	Equipment	Electrical	Equipment for 110/35/10 kV substations	Power transformers	ETFt 1175-363-1250BE9306 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 - ETFt 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 - ETFt 1175-363-1250BE9306 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		

1498	116_UA39307323_generation	Equipment	Electrical	Equipment for 110/35/10 kV	Instrument transformers	Current transformer 20 kV	0	0	pcs	12		
1499	0019 116_UA39307323_generation	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	Voltage transformer 20 kV	0	0	pcs	24		-
1500	0020 116_UA39307323_generation	Equipment	Flectrical	substations Equipment for 110/35/10 kV	Instrument transformers	Current transformer 150 kV	0	0	pcs	9		-
1501	0021 116_UA39307323_generation	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	Current transformer 330 kV	0	0	pcs	12		-
1502	0022 116_UA39307323_generation	Equipment	Electrical	substations Equipment for 110/35/10 kV	Instrument transformers	Voltage transformer 150 kV	0	0	pcs	9		-
1502	0023 116_UA39307323_generation		Electrical	substations Equipment for 110/35/10 kV	Switches and disconnectors	6kV vacuum switch	0	0		24		
1503	0024	Equipment	Electrical	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 TDTNG-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 TFZM-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 TFZM-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 198LSEZMA-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 108L5E2M8, 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 S2DAT-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 S2DAT-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		

	116_UA39307323_generation			Equipment for 110-35 kV overhead								
1520	_0041	Equipment	Electrical	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	o	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	1	
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. LIT.CORR. (EL-TRON.ROZ.) 3P / 100A	0	Equipment for voltage class 0.4-20	pcs	20	$\vdash \vdash$	
1533	030_UA23243188_0004	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	VIM. AUTO. LIT.CORR. (EL-TRON.ROZ.) 3P / 160A	0	Equipment for voltage class 0.4-20	pcs	200	\longmapsto	
1534	030_UA23243188_0005	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	VIM. AUTO. LIT.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 Equipment for 10-0.4 kV overhead	Switches	Load switch VNA-10 / 630-20-U3	0	Equipment for voltage class 0.4-20	pcs	50	\vdash	
1536	030_UA23243188_0007	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Linear SIP fittings	Knitting for lateral fastening of PLVT2	0	Equipment for voltage class 0.4-20	pcs	3000	\vdash	
1537	030_UA23243188_0008	Equipment	Electrical	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-	Tips	Aluminum sleeve 95	0	Equipment for voltage class 0.4-20	pcs	100		
1542	030_UA23243188_0013	Equipment	Electrical	0,4 kV Equipment for 10-0.4 kV overhead	Fuses	Fuse PN 2 400 A	0	Equipment for voltage class 0.4-20	pcs	90	\Box	
1543				power lines Equipment for 10-0.4 kV overhead			0			60	\vdash	
-	030_UA23243188_0014	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Fuses	Fuse Mon 2 630 A		Equipment for voltage class 0.4-20	pcs	-	\vdash	
1544	030_UA23243188_0015	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Fuses	Fuse PN-2 250 A	0	Equipment for voltage class 0.4-20	pcs	90	\vdash	
1545	030_UA23243188_0016	Equipment	Electrical	power lines	Fuses	Fuse PT 111 10 10 In 1	0	Equipment for voltage class 0.4-20	pcs	30	\sqcup	
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		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		
	030_UA23243188_0020							ļ	1	1		-
1550			Electrical	Equipment for 10-0.4 kV overhead	Linear SIP fittings	Branching clamp 3B 1.1.4	0	Equipment for voltage class 0.4-20	pcs	1000	l	
1550	030_UA23243188_0021	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines Equipment for 10-0.4 kV overhead								
				Equipment for 10-0.4 kV overhead power lines	Linear SIP fittings Linear SIP fittings Linear SIP fittings	Branching clamp 3B 1.1.4 Branching clamp SV 1.2.2 Branching clamp 3B 1.2.3	0 0	Equipment for voltage class 0.4-20 Equipment for voltage class 0.4-20 Equipment for voltage class 0.4-20	pcs pcs	1000 6000 3000		

			I	T = 1 1/2 100 1111 1 1 1 1		1						
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 PS 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 PS 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	км	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	км	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	км	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	км	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	км	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 E3UITH 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	Ō	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)	Ö	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 Equipment for 10-0.4 kV overhead	Cable couplings	Coupling cable STP 10 70/120 (computer)	Ö	Equipment for voltage class 0.4-20	pcs	200		
1590	030_UA23243188_0061	Equipment	Electrical	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	Ō	Equipment for voltage class 0.4-20	pcs	400		
1595	030_UA23243188_0066	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines Equipment for 10-0.4 kV overhead	Tips	Aluminum tip 95	0	Equipment for voltage class 0.4-20	pcs	400		
1596	030_UA23243188_0067	Equipment	Electrical	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 Equipment for 10-0.4 kV overhead	Overvoltage limiters	Voltage limiter OPN 10	0	Equipment for voltage class 0.4-20	pcs	180		
1598	030_UA23243188_0069	Equipment	Electrical	power lines	Overvoltage limiters	Overvoltage limiter ETITES A 280/10	0	Equipment for voltage class 0.4-20	pcs	600		

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1599	030_UA23243188_0070	Equipment	Electrical	Equipment for 10-0.4 kV overhead	supports	Support reinforced concrete OHL 0.4 kV JI 9.5- 2.0	0	Equipment for voltage class 0.4-20	pcs	1000		
				power lines Fauipment for 10-0.4 kV overhead		·						
1600	030_UA23243188_0071	Equipment	Electrical	power lines	supports	Support reinforced concrete PL-10 kV SK-120-6	0	Equipment for voltage class 0.4-20	pcs	100		
4004	000 11400040400 0070	Et	Flectrical	Equipment for 10-0.4 kV overhead		Support reinforced concrete PL-10kV SV-10,5-	0	5		500		
1601	030_UA23243188_0072	Equipment	Electrical	power lines	supports	5.0	Ü	Equipment for voltage class 0.4-20	pcs	500		
1602	030_UA23243188_0073	Equipment	Electrical	Equipment for 10-0.4 kV overhead	Linear armature	Drive to RLND	0	Equipment for voltage class 0.4-20	pcs	50		
	****	-1-1-1		power lines			•	117			\longrightarrow	-
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		
				Equipment for 10-0.4 kV overhead								
1604	030_UA23243188_0075	Equipment	Electrical	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	Insulated wire	Insulated wire AAsXSn 1x95	0	Equipment for voltage class 0.4-20	km	200		
	****	-1-1-1		power lines			-	-4-7			\longrightarrow	
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		
				Equipment for 10-0.4 kV overhead								
1607	030_UA23243188_0078	Equipment	Electrical	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	Insulated wire	Insulated wire SIPng-5 2x25	0	Equipment for voltage class 0.4-20	KM	5		
1000	000_07120210100_0010	Equipmont	Elourida	power lines	modulos viio		<u> </u>	-1-7		-		
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		
				Equipment for 10-0.4 kV overhead								
1610	030_UA23243188_0081	Equipment	Electrical	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	Insulated wire	Insulated wire SIPng-5 4x50	0	Equipment for voltage class 0.4-20	KM	90		
	555_07 EGE 10 100_000E	Equipmont	Lioundi	power lines	modulos mio		<u> </u>				\longrightarrow	\longrightarrow
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		
				Equipment for 10-0.4 kV overhead		1			_		\rightarrow	-+
1613	030_UA23243188_0084	Equipment	Electrical	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	Disconnectors	RLND 10/400 disconnector	0	Equipment for voltage class 0.4-20	pcs	20		
		-45		power lines		, disconnector			pc		\longrightarrow	-+-+
1615	030_UA23243188_0086	Equipment	Electrical	Equipment for 10-0.4 kV overhead	Disconnectors	RLND 10/630 disconnector	0	Equipment for voltage class 0.4-20	pcs	50		
				Equipment for 10-0.4 kV overhead					+	H.,	\rightarrow	
1616	030_UA23243188_0087	Equipment	Electrical	power lines	Disconnectors	RLNDZ 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	Disconnectors	RLNDz 10/630 disconnector	0	Equipment for voltage class 0.4-20	pcs	10		
				power lines		·						
1618 1619	030_UA23243188_0089	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	switches	Switch of BP-32 400 A Switch of the main input of RB 250 A	0	Equipment for voltage class 0.4-20	pcs	50 50	\longrightarrow	
1620	030_UA23243188_0090 030_UA23243188_0091	Equipment Equipment	Electrical Electrical	Equipment TP-RP 10/6 / 0,4kV Equipment TP-RP 10/6 / 0,4kV	switches switches	Switch of the main input of RB 250 A Switch of RP C 250	0	Equipment for voltage class 0.4-20 Equipment for voltage class 0.4-20	pcs	20	\longrightarrow	
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	10		
1623	030_UA23243188_0094		Electrical	Equipment for 10-0.4 kV overhead	Linear SIP fittings	SCU-20 clamp	0	Equipment for voltage class 0.4-20		10000		
1023	030_0A23243168_0094	Equipment	Electrical	power lines	Linear SIP littings	SCO-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	Linear armature	Steel Pipe 25x2.8	0	Equipment for voltage class 0.4-20	t	1,4		
				power lines Equipment for 10-0.4 kV overhead		·						
1625	030_UA23243188_0096	Equipment	Electrical	power lines	Linear SIP fittings	Bandage tape INOX	0	Equipment for voltage class 0.4-20	m	10000		
1626	000 11400040400 0007	Et	Electrical	Equipment for 10-0.4 kV overhead	University of the second secon		0			300		
1626	030_UA23243188_0097	Equipment	Electrical	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	Linear armature	Traverse 0,4kV TN-2 /2-pin./	0	Equipment for voltage class 0.4-20	pcs	300		
				power lines			`	-1	F			
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		
4000	000 11400040100 010	Forth 1	F1	Equipment for 10-0.4 kV overhead	Union	T				45-		-
1629	030_UA23243188_0100	Equipment	Electrical	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	Linear armature	Traverse 10kV TM-3 /6-pin./	0	Equipment for voltage class 0.4-20	pcs	100		
	222_07120210100_0101	Equipmont	Lioundi	power lines	Emodi dimataro	-,-,-,-,-					\longrightarrow	\longrightarrow
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		
				Equipment for 10-0.4 kV overhead					+	l	\rightarrow	-+
1632	030_UA23243188_0103	Equipment	Electrical	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		
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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		
				Equipment for 10-0.4 kV overhead							\longrightarrow	
1638	030_UA23243188_0109	Equipment	Electrical	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	Ō	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	\longrightarrow	-+-+
1643	030_UA23243188_0114	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV Equipment for 10-0.4 kV overhead	Lubricants	Paint PF 115 black	0	Equipment for voltage class 0.4-20	kg	100	\longrightarrow	-+-+-
1644	030_UA23243188_0115	Equipment	Electrical	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	Linear armature	Collar of fastening of a traverse of 10 kV X 1 in a	0	Equipment for voltage class 0.4-20	pcs	500	-	
1045	030_UA23243188_U116	Equipment	Electrical	power lines	Linear armature	room	U	equipment for voltage class 0.4-20	pcs	SUU		
1646	030_UA23243188_0117	Equipment	Electrical	Equipment for 10-0.4 kV overhead	Linear armature	Collar fastening collar n / v X 11	0	Equipment for voltage class 0.4-20	pcs	600	T	
				power lines								
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	020 11022242400 0440	Equipment	Electrical	Equipment TD DD 40/6 / 0.4/3/	Packaged transformer substations	Cabinet KTPM -160 / 10 / 0.4	0	Facilities of the Control of the Con			-	
1048	030_UA23243188_0119	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	without transformers	Cabinet KIPM -160 / 10 / 0.4	U	Equipment for voltage class 0.4-20	pcs	50		

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	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	substations Equipment for 110/35/10 kV	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	substations 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	Switches	35 kV vacuum switch, 1000A, 16 kA with spring	0	For restoration works on the equipment of 35 kV switchgear:	pcs	15	
1656	030_UA23243188_0127	Equipment	Electrical	substations Equipment for 110/35/10 kV	Disconnectors	drive, 220 V AC power supply 35 kV 1000 A disconnector with two earthing knives that do not require maintenance for the	0	For restoration works on the equipment of 35 kV switchgear:	pcs	10	
1030	030_0A23243100_0121	Equipment	Liectrical	substations	Disconnectors	entire service life 35 kV current transformers with cast insulation	Ü	To restoration works on the equipment of 35 kV switchigear.	pcs	10	
1657	030_UA23243188_0128	Equipment	Electrical	Equipment for 110/35/10 kV substations	Instrument transformers	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:	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	10P / 10P / 0.5 S 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	Overvoltage limiters	Overvoltage limiter 35 kV Ur = 40.5 kV	0	For restoration works on the equipment of 35 kV switchgear:	pcs	60	
	***************************************	-4-4		substations	g	Complete switchgear (KRPZ) 35 kV consisting of:	*				
1661	030_UA23243188_0132	Equipment	Electrical	Equipment for 110/35/10 kV substations	KRPZ	two sections with a sectional switch. In each section - six cells (cable entry, transformer	0	For restoration works on the equipment of 35 kV switchgear:	pcs	2	.
				oubotationo		input, HV) + space for one spare cell					
						Complete switchgear (KRPZ) 10 kV consisting of: two sections with a sectional switch. In each					.
1662	030_UA23243188_0133	Equipment	Electrical	Equipment for 110/35/10 kV substations	KRPZ	section - eighteen cells (input of the transformer on 2500A, TN, TSN, cells of the departing lines	0	For restoration works on the equipment of switchgear 6-10 kV:	pcs	2	.
						on 1000 A)					
						Complete switchgear (KRPZ) 10 kV consisting of: two sections with a sectional switch. On each					.
1663	030_UA23243188_0134	Equipment	Electrical	Equipment for 110/35/10 kV substations	KRPZ	section - twelve cells (input of the transformer	0	For restoration works on the equipment of switchgear 6-10 kV:	pcs	4	.
						on 1000A, TN, TSN, cells of the departing lines on 630 A)					.
1664	030_UA23243188_0135	Equipment	Electrical	Equipment for 110/35/10 kV substations	Power transformers	Power transformer TDTN-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 TDTN-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	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	Instrument transformers	Current transformer 110 kV 600/5, number of secondary windings of 5 pieces: 10P / 10P / 10P	0	For restoration works on the equipment of switchgear 6-10 kV:	pcs	6	
				substations Equipment for 110/35/10 kV		/ 10P / 0,5 S Current transformer 110 kV 100/5, number of					
1670	030_UA23243188_0141	Equipment	Electrical	substations	Instrument transformers	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	Linear armature	SOAS - 70	0	For restoration of 35-110 kV lines	pcs	40	
	= = -			power lines		1		1	•	L	

				Equipment for 110-35 kV overhead								
1687	030_UA23243188_0158	Equipment	Electrical	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	Linear armature	CAC -240	0	For restoration of 35-110 kV lines	pcs	60		
1692	030_UA23243188_0163	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Linear armature	CAC -400	0	For restoration of 35-110 kV lines	pcs	20		
1693	030_UA23243188_0164	Equipment	Flectrical	power lines Equipment for 10-0.4 kV overhead	Insulators	Insulators glass PS-70	0	For restoration of 35-110 kV lines	pcs	700		
1694	030 UA23243188 0165	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Insulators	Insulators glass PS-120	0	For restoration of 35-110 kV lines		250		
				power lines				Methanol technical, brands A of DSTU 3057-95 (GOST 2222-	pcs	4000		
1695	111_UA30019775_0001	Energy resources	?	Supplies	Supplies	Hydration inhibitor (methanol)	Technical methanol	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 Diesel generator JCB G (or similar) on the	0	GEL Voltage - 12V Capacity - 150 A * h	pcs	250		
1705	006_UA00131713_0065	Equipment	Electrical	Civil protection equipment	Backup power plants	chassis Diesel generator JCB G (or similar) on the	0	Power 250 kW	pcs	2		
1706	006_UA00131713_0066	Equipment	Electrical	Civil protection equipment	Backup power plants	chassis Spare parts and rubber products for diesel	0	Power 400 kW	pcs	2		
1707	019_UA24584661_0001	Equipment	Electrical	Civil protection equipment Means of dispatching and	Backup power plants	generators based on the 12ZV40 / 48 engine for SUNPP	by nomenclature	0	?	?		
1708	019_UA24584661_0002	Equipment	Electrical	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 Spare parts for pumps manufactured by JSC	0	0	?	?		
1710	019_UA24584661_0004	Equipment	Electrical		0	"SMNVO-Engineering" for the needs of SE "Rivne NPP", SE "South-Ukrainian NPP" and SE "Khmelnitsky 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" Khmelnitsky NPP "	by nomenclature	0	?	?		
1712	019_UA24584661_0006	Equipment	Electrical		0	Spare parts for pumps GTSN-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	?	?	T	
1716	009_UA43064445_0003	Equipment	Electrical	Computer equipment		Server	0	-1 x Intel® Xeon® Silver 4214R 2.4G, 12C / 24T, 9.6GT / 5, 16.5 M Cache; -RAM 96 G8 RDIMM, 3200MT / 5, Dual Rank; -RAID controller with monovalatile cache; -2 x 48006 S50 5A 126b; -built-in enterprise level remote control; -Ethernet: 4x1006E BASE-T; -18A DUal Port 16/32 50 Fiber Channel HBA, - 2x 64GB NVMe or microSDHC / SDXC Card; -power supply 3xtd-pt-plug. Redundart 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® *Xoon* Silver 42158 3.26, 8C, 16T, 9.66T /s, 11 M Cacher, RAM 192 GB RDIMM, 320MM */s, Dual Rank; - RAID controller with nonvolatile cache; - 2x 480G6 SSD SAS 12Gb; - built-in enterprise level remote control; - Ethernet + 420G6 BASE*T; 2x16GB BASE*T; 12-HBA Dual Port 16Gb / 3Z Fiber Channel HBA, - 2x 64GB NVMe or microSDMC/ SVXC Card; - power supply 2x16t-b-lug, 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 2.46, 12C / 24T, 9.66T / s, 16.5 M Cache; -RAM 96 GB RDIMM, 320MT / S, bull 8 misRAID controller with nonvolatile cache; -2x 480Gb S50 SA 12Gb; -built-in enterprise level remote control; -Ehmert 4.40Gb EASE-T; -2x1GbE BASE-T; -H8A Dual Port 15/32 Gb Fiber Channel H8A, -2x 64GB NVMe or microSDHC / SDXC Card; -power supply 2.4tlot-plug, Redundant Power Supply (1 + 1); -control tool Atthe-box mgmt; -telescopic rails for mounting in the server cabine:	pcs	2	
1727	009_UA43064445_0014	Equipment	Electrical	Computer equipment		Server	0	approximate configuration: -1 x Intel® Xacon® Silver 42158, 32.6, 8C, 16T, 9, 66T /s, 11 M Cacher, RAM 192 GB RDIMM, 3200MT /s, 5buil Rank, -RAM controller with nonvolatile cache; -2x 48006 SSD SAS 1205; -built-in enterprise level remote control; -6thernet e. 4005 ESS SAS 1205; -ball-in enterprise level remote control; -6thernet 4805 EASS-1; 3-6the SASS-1; 3-6thernet 180A, -2x 64GB RVMse or microSDMC/SDXC Card; -power supply 24rbit-ptilug, 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® Ysoon® Silver 4215; RAM 256 GB R0MM, 3200MT f. 5, buil 8 Rah; R-8Al0 Controller with nonvolatile cache; 2x 48006 SSS 0545 126b; - built-in enterprise level remote control; - behave 14.10GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 646-BQ, Redundant Power Supply (1 + 1); - control tool At- the-box mgmt; - telescopic rails for mounting in the server cabine:	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 / 5, Dual Rank; - RAID controller with nonvolatile cache; - 2x 48065 SD 543 126; - built-in enterprise level remote control; - Ethernet: 4x10GbE 8AS-ET; - 2x1GbE 8AS-ET; - HAB Dual Port 1656 / 32 Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDXC Card; - power supply 2x-ito-tplug, Redundant Power Supply (1 + 1); - control tool Axthe-box mgmt; - telescopic raids for mounting in the server cabinet. Data storage system, approximate configuration: - 2	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	Flectrical	Computer networks		LAN switch	0	L3 LAN LAN switch with 24 10GbE BASE-T ports with server	DCS	2	
				· · · · · · · · · · · · · · · · · · ·				cabinet mounting kit; SAN switch with 24 ports of 32 Gb SFP +, with a set of			
1741	009_UA43064445_0028	Equipment	Electrical	Computer networks		SAN switch An instance of VMware vSphere Enterprise Plus	0	installation in the server cabinet. An instance of VMware vSphere Enterprise Plus 1 Proc	pcs	2	
1742	009_UA43064445_0029	Equipment	License	Software		1 Proc software with annual support Copy of Veeam backup & replication enterprise	0	software with annual support	pcs	6	
1743	009_UA43064445_0030	Equipment	License	Software		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 +	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	Software Update License & Support Backup server cluster.	,	7	,	7	
1746	009_UA43064445_0033	Equipment	0	Computer equipment		Server	0	approximate configuration: - 2 x intel* Xeon* Silver 4216; RAM 256 G8 RDIMM, 3200MT / s, Dual Rank; - RAID controller with nonvolatile cache; - 24 80065 SD 58A 31266; - biller in enterprise level remote control; - Ethernet: 4x10Gb1 BASE-T; 2x1Gb1 BASE-T; - Hi8 Dual Port 16/32 G6 Fiber Channel HBA, - 2x 64G8 NVMe or microSDHC / SDVC Card; - power supply 2x14to-plus, Redundant Power Supply (1 x 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 GR RDIMM, 3200MT / 5, Dual Ranix, - RAID controller with norwolatile cache; - 2 x 48005 SSD SAS 1206; - built-in Enterprise level remote control controller; - Ethernet - 4x1005E BASET; - 2x100E BASET; - 18x10E BASET; -	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; SAN switch with 24 ports of 32 Gb SFP +, with a set of	pcs	2	
1750	009_UA43064445_0037	Equipment	Electrical	Computer networks		SAN switch	0	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	0	Copy of Veeam backup & replication enterprise plus software	pcs	6	
1753	009_UA43064445_0040	Equipment	License	Software		plus 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® Yeon® Silver 4216; - RAM 256 GB RIMM, 3200MT f. 2, Dual Rank; -RAID Controller with nonvolatile cache; - 2x 48006 SSD SAS 1260; - built-in enterprise level remote control; - Ethernet: 4x10bSE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, - 2x 64GB RVMe or microSDHC / SDMC Card; - power supply 2x1d-to-plug, Redundant Power Supply (1 x 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 /5, Dual Rank; - RAID controller with nonvolatile cache; - 2.4 8006 SSD 6X1206; - built-in enterprise level remote control; - Ethernet: 440GGB EMSET; - 240GGB EMSET; - I-BB Dual Fort 1660 / 32 Fiber Channel HBA, 2s 64GB NVMe or microSDHC / SDMC Card; - power supply 24164-plug. Redundant Power Supply (1 = 1); - control tool Atthebox mgmt; - telescopic rails for mounting in the server cabine.	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; - 24 xelobo S50 SAS 1266; - built-in enterprise level remote control; - Ethernet: 4410GbB EASET; - 21GbB BASET; - HAB Dual Port 18/32 Gb Fiber Channel HBA, - 22 64GB NVMe or microSDHC / SDXC Card; - power supply 2410t-plug, Redmodant Power Supply (1 ± 1); - control tool At- the-box mgmt; - telescopic rails for mounting in the server cabinet:	pcs	2	

1766	009_UA43064445_0053	Equipment	0	Computer equipment		Server	0	approximate configuration: -2 x Intel Xeon Silver 4215; - RAM. 256 G8 RDIMM. 3200MT /s. Dual Rank: -RAND controller with nonvolatile cache; -2x 480Gb SSD SAS 12Gb; - built-in enterprise level remote control; -Ethernet: -4x100bE BASE-1; e1X10bE BASE-1; -1RAB Dual Part 1650b / 32 Piber Channel HBA, 2x 64GB NVMe or microSDHC / SDNC Care - power supply 2x14ct-plug, Redundant Power Supply (1 + 1); - control tool Atthebox mgmt; -telescopic rails for mounting in the server cabine:	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 1.7TB 10K SAS 25X2 5 DRIVE /	pcs	2	
1768	009_UA43064445_0055	Equipment	Electrical	Computer networks		LAN switch	0	1.2TB 10K SAS 25X2.5 DRIVE / 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	?		0	Backup server cluster.	?	?	?	?	
1774	009_UA43064445_0061	Equipment	0	Computer equipment		Server	0	approximate configuration: 2 x Intel® Xeon® Silver 421E; - RAM 256 RB (RBMM, 3200MT, 5), buil Rank; - RAID Controller with nonvolatile cache; - 2x 4806b SSD SAS 126b; - built-in extensive level remote control; - Ethernet: -4x100bE BASE; T; e1x16bE BASE; T; - HAB Dual Port 19/32 06 Fiber Channel HBA, - 2x 646B NVMe or microSDHC / SDMC Card; - power supply 2x16to-plug, Redundant Power Supply (1 x 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 /5, Dual Rank; - RAUD controller with nonvolatile cache; - 2.4 48065 SSD 634 126b; - Duilti-in enterprise level remote control; - Ethernet: 4410GbB BASE-T; 2410GbB BASE-T; - HAB Dual Port 1669 / 32 Fiber Channel HBA, 2x.6 64GB NVMe or microSDHC / SDNC Card; - power supply 2414-b- plage, Redundant Power Supply (1 ± 1); - control tool At-the-box mgmt; - telescopic rails for mounting in the server cabine:	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; SAN switch with 24 ports of 32 Gb SFP+, with a set of	pcs	2	
1778	009_UA43064445_0065	Equipment	Electrical	Computer networks		SAN switch	0	installation in the server cabinet.	pcs	2	
1779	009_UA43064445_0066	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	6	
1780	009_UA43064445_0067	Equipment	License	Software	IT-SW	Copy of Veeam backup & replication enterprise plus software	0	Copy of Veeam backup & replication enterprise plus software	pcs	6	
1781	009_UA43064445_0068	Equipment	License	Software	IT-SW	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	
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 421E, - RAM 25G 68 R0MM, 3200M f. 2, buil Rank; - RAID controller with nonvolatile cache; - 2x 480Gb 5SD 8A5 12Gb; - built in enterprise level remote control; - Ethernet 4:40Gb EASE-T; 2x1GbE 8ASE-T; - HBA Dual Port 16/32 Gb Fiber Channel HBA, 2x 64GB NVMe or microSDHC / SDNC Caro, - power supply 2x1dro-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; - BAM SEG 68 BDIMM 3200MT / 5, Dual Bank; - RAID controller with normolatile cache; -2x 480Gb SSD SAS 12Gb; - built-in enterprise level ermote control; - Ethernet: 4:01GbE BASE-T; 2x1GbE BASE-T; - HBA Dual Port 16Gb / 32 Fiber Channel HBA, 2x 6:46B NVMeor mrtsOBHC / SDXC Care, - power supply 2x1dro-fplug, 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	cabinet mounting kit; 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	An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support	0	installation in the server cabinet. An instance of VMware vSphere Enterprise Plus 1 Proc software with annual support	pcs	6	
1789	009_UA43064445_0076	Equipment	License	Software	IT-SW	1 Proc software with annual support Copy of Veeam backup & replication enterprise plus software	0	Copy of Veeam backup & replication enterprise plus software	pcs	6	
1790	009_UA43064445_0077	Equipment	License	Software	IT-SW	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	
1791	009_UA43064445_0078	Equipment	License	Software	IT-SW	Microsoft Teams license is basic for 3 years	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 Busyness 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 Busyness 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 Advanced Threat Defense 3100: MFE Adv Threat Def 3100 Stand 1yr8Z + 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 Advancde Threat Defense 3100: MFE Adv Threat Def 3100 Stand 1yr82 + 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 Enterpise Security Manager 5700: MFE Ent Sec MGR 5700 1yr82 + 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 Enterpise Security Manager 5700. MFE Ent See MGR 5700 1yrB2 + 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: 18Z 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 DDoS Behavioral Protection and IPS software with a shelf life of 12 months.	0	Copy of Security Update Subscription DefensePRO 6-02 DDoS 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.Sin Hot-plug Hard Drive	pcs	1	
1810	063_UA30019801_0001	Equipment	Gas		0	Fountain fittings	0	AFC 3-65x21K1 (or similar)	pcs	10	\longrightarrow
1811 1812	063_UA30019801_0002 063_UA30019801_0003	Equipment Equipment	Gas Gas		0	Column head Column head	0	OKK1-168-245x210 (or similar) OKK1-146-245x210 (or similar)	pcs pcs	14 6	 $\overline{}$
1812	063_UA30019801_0003 063_UA30019801_0004	Equipment	Gas		0	Latch	0	ZMS-65x21K1 (or similar)	pcs	100	
1814	063_UA30019801_0004	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	 $\overline{}$
1817	063_UA30019801_0007	Equipment	Gas		0	Mouth packer for columns 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 DuS0 Ru100 RP NU	0	DuSO 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	pcs	3		
1832	063_UA30019801_0023	Equipment	Gas		0	The crane spherical Du1000 Ru100 PGP OU	0	installation Du1000 Ru100 pneumatic hydraulic drive, ground installation	pcs	1		
1833			Gas		0	The crane spherical Du700 Ru100 PGP OU	0	Du700 Ru100 pneumatic hydraulic drive, ground installation	pcs	1		
1033	063_UA30019801_0024	Equipment	Gas		0	THE CHARLE SPRENCES DUTOU NUTOU POP OU		50700 NO200 priedmatic riyuradiic drive, grouffd iffstallation	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	Gas power plant	0	800-1000 kW	pcs	2		
1838	063_UA30019801_0029	Equipment	Gas		Backup power plants	Gas power plant	0	630 kW	pcs	1		
1839	063_UA30019801_0030	Equipment	Gas		Backup power plants	Gas power plant	0	400 kW	pcs	3		
1840	063 UA30019801 0031	Equipment	Gas		Backup power plants	Gas power plant	0	200 kW	pcs	1		
1841	063 UA30019801 0032						0	200 kW		2		
		Equipment	Gas		Backup power plants	Diesel power plant is mobile			pcs			
1842	063_UA30019801_0033	Equipment	Gas		Backup power plants	Diesel power plant is mobile	0	100 kW	pcs	9		
1843	063_UA30019801_0034	Equipment	Gas		Backup power plants	Diesel power plant is mobile	0	50 kW	pcs	1		
1844	063 UA30019801 0035		Gas		Backup power plants	Diesel power plant is mobile	0	15 kW	pcs	5		
		Equipment					0					
1845	063_UA30019801_0036	Equipment	Gas		0	Explosion-proof portable lanterns	•	0	pcs	200		
1846	063_UA30019801_0037	Equipment	Gas		Radio station	Motorola DP4400 (or 4600)	0	0	pcs	100		
1847	000 11400040004 0000	F	0		0	Elevator type A50 or UPA60 for overhaul of	0	0		2		
1847	063_UA30019801_0038	Equipment	Gas		U	wells	U	U	pcs	2		
1848	063_UA30019801_0039	Equipment	Gas		0	Nitrogen membrane type installation	0	0	pcs	2		
1849	063 UA30019801 0040	Equipment	Gas		0	Cementing unit type CA 320	0	0	pcs	3		
1043	003_0A30013001_0040	Equipment	Cas		0		•		pcs			
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	= 1 14 149 95114	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 Equipment for 110-35 kV overhead	supports	support 110 kW	0	reinforced concrete rack SK-26	pcs	5		
1853 1854	011_UA23293513_0002 011_UA23293513_0003	Equipment	Electrical Electrical	power lines Equipment for 110-35 kV overhead	supports	support 35 kW support 35 kW	0	reinforced concrete rack SK-22 reinforced concrete rack CB-164	pcs	2		
		Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	supports	support 35 kW	0	reinforced concrete rack CB-105-5 0	pcs	17		
1855	011_UA23293513_0004 011_UA23293513_0005	Equipment Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	supports	support 10 kW support 0.4 kW	0	reinforced concrete rack CB-105-5,0 reinforced concrete rack CB-95-2,0	pcs	36		
1857	011_UA23293513_0006	Equipment	Electrical	power lines Equipment for 110-35 kV overhead	Uninsulated wire	wire	AC-150	0	km	1,5		
1858	011_UA23293513_0007	Equipment	Electrical	power lines 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 Equipment for 10-0.4 kV overhead	Uninsulated wire	wire	AC-50	AC50 / 8	km	7,6		
1862	011_UA23293513_0011	Equipment	Electrical	power lines	Uninsulated wire	wire	AC-35	0	?	?		
1863	011_UA23293513_0012	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines Equipment for 10-0.4 kV overhead	Uninsulated wire	wire	AC-25	0	?	?		
1864	011_UA23293513_0013	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Uninsulated wire	wire	A 70	0	?	?		
1865 1866	011_UA23293513_0014 011_UA23293513_0015	Equipment	Electrical Electrical	power lines Equipment for 10-0.4 kV overhead	Uninsulated wire Uninsulated wire	wire wire	A 50	0	?	? 6,5		
1867	011_UA23293513_0015 011_UA23293513_0016	Equipment Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Uninsulated wire	wire	A 35	0	km 7	6,5		
1868	011_UA23293513_0016 011_UA23293513_0017	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Insulated wire	wire	A 25 SIP 4 × 35	0	km	0,25		
1869	011_UA23293513_0018	Equipment	Flectrical	power lines Equipment for 110/35/10 kV	Power transformers	nower transformer	110-35 kW	0	7	7		
1003	0.1_0/\race233313_0010	Equipment	Licotitual	substations	i ower narialonnicia	power dulisionner	ALC GO REV	,		<u> </u>		

1870	011 UA23293513 0019	Fauinment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Power transformers	power transformer	10 / 0.4 kW	TM -10 / 0.4 160 kWA		-	
1870	011_UA23293513_0019 011_UA23293513_0020	Equipment Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Power transformers Power transformers	power transformer power transformer	10 / 0.4 kW 6 / 0.4 kW	1M -10 / 0.4 160 KWA 0	pcs ?	?	
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)	https://insol.prom.ua/p422807085-izolyator-shf-20g.html	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	https://utcas.com.ua/g102488302-kabel- abi?utm_sourceegoogle&utm_medium=cpc&utm_campaign =&utm_group=&utm_content=&utm_term=&gclid=CjwKCAiAj oe8BhAEiwAYY3nDHQ_iB6C24Na_MESj6iynUY66XQ6eo- JYiZdZy48HGFE12EG59hoC3HsQAN0_8wE	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	https://utcaa.com.ua/p75035055-kabel-avvg- 4h50.html?utm_source:google&utm_medium=cpc&utm_cam paign=&utm_group=&utm_content=&utm_term=&gclid=CjwK CAiAjoeRBhALFiwAYY3nDIm3GLNNHJfbxgG1mG8kx1VQjxobpX Em7DU9704CHfH97Acm5c4f2BoCi6cQAvD_BwE	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	https://itrtov.com/g9018422-mufty-soediniteInye-kabeInye	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	https://itrtov.com/g9018422-mufty-soediniteInye-kabeInye	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 plates in one caterpillar -38; the number of support rollers on each side -72 mumber of supporting rollers on each side -28 ground clearance 575 mm; the distance between the longitudinal axes of the caterpillars -210 mm; pure width keight -56 ft 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 seleve of a dump-1.22 m	0	pcs	1	
1882	112_UA131245_0002	Equipment			0	Conveyor belt 1200 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102	sq.m	400	
1883 1884	112_UA131245_0003 112_UA131245_0004	Equipment Equipment			0	Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V Conveyor belt 1600 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102 DIN 22102	sq.m sq.m	1500 100	
1885	114 UA5471247 0001	Equipment			0	Conveyor belt 1000 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102	sq.m	100	
1886	114_UA5471247_0002	Equipment			0	Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102	sq.m	1500	
1887	113_UA131334_0003	Equipment			0	Conveyor belt 1400 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102	sq.m	1500	
1888 1889	113_UA131334_0004 122_UA?_0001	Equipment			0	Conveyor belt 2000 EP1000 / 5 4,5 / 3,5 V	0	DIN 22102	sq.m	100	
							22222 CHECK THE DRIMARY DOCUMENTS	0	+		
1890		Energy resources		Fuels and lubricants	0	????? VERIFY Gasoline	????? CHECK THE PRIMARY DOCUMENTS 22222 CHECK THE PRIMARY DOCUMENTS	0	t	250000 80000	
1890 1891	122_UA?_0002 122_UA?_0003	Energy resources		Fuels and lubricants Fuels and lubricants	0	????? VERIFY Gasoline Motor Oil	????? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0	t t	250000 80000 1000	
1891 1892	122_UA?_0002				0	Gasoline	????? CHECK THE PRIMARY DOCUMENTS	0	t	80000 1000 30000	
1891 1892 1893	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005	Energy resources Energy resources Energy resources Energy resources		Fuels and lubricants	0	Gasoline Motor Oil	????? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0	t	80000 1000 30000 5000	
1891 1892 1893 1894	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0006	Energy resources Energy resources Energy resources Energy resources Energy resources Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY	????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0	t t t	80000 1000 30000 5000 3,5	
1891 1892 1893 1894 1895	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0006 122_UA?_0007	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92	????? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0	t t t t	80000 1000 30000 5000 3,5 6,5	
1891 1892 1893 1894 1895 1896	122_UA? _0002 122_UA? _0003 122_UA? _0004 122_UA? _0005 122_UA? _0006 122_UA? _0007 122_UA? _0008	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ?????? VERIFY A-92 A-92 /A-95	????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0	t t t t t t t	80000 1000 30000 5000 3,5 6,5 240	
1891 1892 1893 1894 1895 1896 1897	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid	????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0	t t t t	80000 1000 30000 5000 3,5 6,5 240 385	
1891 1892 1893 1894 1895 1896 1897 1898	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0005 122 UA? 0007 122 UA? 0008 122 UA? 0009 122 UA? 0009	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ?????? VERIFY A-92 A-92 /A-95	????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0	t t t t t t t L L	80000 1000 30000 5000 3,5 6,5 240	
1891 1892 1893 1894 1895 1896 1897	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 Ilquid A-92 / A-95	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0	t t t t t t t t L L L	80000 1000 30000 5000 3,5 6,5 240 385 240	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900	122 UA? 0002 122 UA? 0003 122 UA? 0003 122 UA? 0006 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 0009 122 UA? 00010 122 UA? 0011 122 UA? 0011 122 UA? 0012 122 UA? 0012	Energy resources		Fuels and lubricants Fuels and lubricants	0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t L L L L	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0005 122 UA? 0007 122 UA? 0008 122 UA? 0008 122 UA? 0009 122 UA? 0010 122 UA? 0011 122 UA? 0011 122 UA? 0012 122 UA? 0011	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903	122 UA? 0002 122 UA? 0003 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0008 122 UA? 0009 122 UA? 0009 122 UA? 0010 122 UA? 0011	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	27777 CHECK THE PRIMARY DOCUMENTS 77777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t L L L L L L L L L	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273 120	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0005 122 UA? 0006 122 UA? 0008 122 UA? 0009 122 UA? 0009 122 UA? 0009 122 UA? 0011 122 UA? 0011 122 UA? 0012 122 UA? 0012 122 UA? 0014 122 UA? 0015 122 UA? 0015	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904	122 UA? 0002 122 UA? 0003 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0008 122 UA? 0009 122 UA? 0009 122 UA? 0010 122 UA? 0011	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	27777 CHECK THE PRIMARY DOCUMENTS 77777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t L L L L L L L L L L L L L L	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273 120 420	
1891 1892 1893 1894 1895 1896 1897 1898 1990 1901 1902 1903 1904 1905	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0006 122 UA? 0006 122 UA? 0006 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 0010 122 UA? 0011 122 UA? 0011 122 UA? 0013 122 UA? 0013 122 UA? 0013 122 UA? 0015 122 UA? 0016 122 UA? 0016 122 UA? 0016 122 UA? 0016	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid A-92 / A-95 liquid	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273 120 420 197000 45000	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906	122 UA? 0002 122 UA? 0003 122 UA? 0003 122 UA? 0005 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 0009 122 UA? 0010 122 UA? 0011 122 UA? 0011 122 UA? 0014 122 UA? 0014 122 UA? 0015 122 UA? 0015 122 UA? 0015 122 UA? 0016 122 UA? 0017 122 UA? 0017 122 UA? 0018	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid liquid liquid liquid liquid liquid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273 120 420 197000 45000 130000 200	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1906 1907	122_UA?_0002 122_UA?_0003 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0009 122_UA?_0010 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0012 122_UA?_0013 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0018 122_UA?_0018 121_UA05471230_0001 121_UA05471230_0001	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 77777 VERIFY A-92 A-92 /A-95 liquid A-92 /A-95 liquid A-92 /A-95 liquid A-92 /A-95 liquid Hould House Liquid Hould House Hould Hou	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 3,5 6,5 240 385 240 290 360 273 120 420 197000 45000 200	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0005 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 0009 122 UA? 0001 122 UA? 0011 122 UA? 0011 122 UA? 0011 122 UA? 0011 122 UA? 0015 122 UA? 0016 122 UA? 0016 122 UA? 0016 122 UA? 0016 122 UA? 0017 122 UA? 0017 122 UA? 0018 121 UAO\$471230_0001 121 UAO\$471230_0001 121 UAO\$471230_00001 121 UAO\$471230_00001	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 27272 VERIFY A-92 A-92 [A-95] Iliquid Iliq	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 290 360 273 120 420 197000 45000 200 60 30	
1891 1892 1893 1894 1895 1896 1897 1898 1900 1901 1902 1903 1905 1906 1907 1908 1909 1911	122 UA? 0002 122 UA? 0003 122 UA? 0004 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 0010 122 UA? 0011 122 UA? 0011 122 UA? 0013 122 UA? 0013 122 UA? 0016 122 UA? 0016 122 UA? 0016 122 UA? 0019 122 UA? 0016 122 UA? 0017 122 UA? 0019	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 79777 VERIFY A-92 A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 290 360 273 120 420 197000 45000 130000 60 30 45	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907	122 UA? 0002 122 UA? 0003 122 UA? 0003 122 UA? 0005 122 UA? 0005 122 UA? 0006 122 UA? 0006 122 UA? 0009 122 UA? 0009 122 UA? 00010 122 UA? 0010 122 UA? 0010 122 UA? 0010 122 UA? 0011 122 UA? 0011 122 UA? 0011 122 UA? 0015 122 UA? 0016 122 UA? 0016 122 UA? 0016 122 UA? 0017 122 UA? 0018 122 UA? 0018 121 UAO\$471230 0001 121 UAO\$471230 0001 121 UAO\$471230 0002 131 UA24584661 0001 131 UA24584661 0001 131 UA24584661 0002 131 UA24584661 0003	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 79797 VERIFY A-92 A-92 A-95 Iliquid A-92 / A-95 Iliquid A-92 / A-95 Iliquid A-92 / A-95 Iliquid A-92 / A-95 Iliquid Il	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 290 360 273 120 420 197000 45000 200 60 30	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1910	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0009 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0017 122_UA?_0018 121_UA_05471230_0001 121_UA_05471230_0001 121_UA_24584661_0001 1019_UA_24584661_00001 1019_UA_24584661_00001 1019_UA_24584661_00001 1019_UA_24584661_00001 1019_UA_24584661_00001	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 79777 VERIFY A-92 A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid A-92/A-95 Iliquid	27777 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 30000 5000 3,5 6,5 240 385 240 290 360 273 120 420 197000 200 60 30 45 120	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0009 122_UA?_0009 122_UA?_00019 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0012 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0017 122_UA?_0018 121_UA_5471230_0001 121_UA_54545661_0001 101_UA_24584661_0003 101_UA_24584661_0005 101_UA_24584661_0005 101_UA_24584661_0006	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel ????? VERIFY A-92 A-92 / A-95 liquid liquid liquid liquid liquid liquid regulation of the nuclear class arono exchangers Cationities of the nuclear class Sodium hydroxide Potassium hydroxide Nitric acid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 3,5 6,5 240 388 240 380 360 360 37 273 380 420 420 130000 200 60 30 45 120 120 10 10 10 10 10 10 10 10 10 10 10 10 10	
1891 1892 1893 1894 1895 1896 1896 1897 1898 1899 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1911 1912 1914 1915	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0009 122_UA?_0010 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0012 122_UA?_0013 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0018 122_UA?_0018 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_00001	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 27977 VERIFY A-92 A-92 (A-95 Iliquid Iliq	27772 CHECK THE PRIMARY DOCUMENTS 77772 CHECK THE PRIMARY DOCUMENTS 77777 CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 50000 3,5 240 240 290 360 2273 120 4200 200 60 60 100 100 100 100 100 100 100 100	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1909 1910 1911 1912 1913 1914 1915 1915	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0009 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0017 122_UA?_0018 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05454661_0001 121_UA24554661_0001 121_UA24554661_0001 121_UA24554661_0001 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0007 121_UA24554661_0006	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 27772 VERIFY A-92 A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid Iliquid Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid Il	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 50000 3,5 240 280 385 240 290 420 420 200 45000 200 60 30 4500 60 110 60 110	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0013 122_UA?_0013 122_UA?_0015 122_UA?_0015 122_UA?_0018 122_UA?_0016 122_UA?_0016 122_UA?_0018 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA05471230_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_00001 121_UA24554661_000001 121_UA24554661_000001 121_UA24554661_000001 121_UA24554661_0000001 121_UA24554661_0000001 121_UA24554661_0000001 121_UA24554661_0000001 121_UA24554661_00000001 121_UA24554661_00000001	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 27777 VERIFY A-92 A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 50000 3,5 240 240 385 360 273 120 450000 130000 200 45000 10 60 11 10 10 10 10 10 10 10 10 10 10 10 10	
1891 1892 1893 1894 1895 1896 1897 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1915 1915 1916	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0009 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0017 122_UA?_0018 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05454661_0001 121_UA24554661_0001 121_UA24554661_0001 121_UA24554661_0001 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0006 121_UA24554661_0007 121_UA24554661_0006	Energy resources		Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 27772 VERIFY A-92 A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid Iliquid Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid Il	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 50000 3,5 240 280 385 240 290 420 420 200 45000 200 60 30 4500 60 110 60 110	
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1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1918	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0006 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0009 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0015 122_UA?_0015 122_UA?_0015 122_UA?_0016 122_U	Energy resources		Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants	0 0 0 0	Gasoline Motor Oil LPG Jet Fuel 39777 VERIFY A-92 A-92 A-95 Iliquid Iliq	27772 CHECK THE PRIMARY DOCUMENTS 27777 CHECK THE PRIMARY DOCUMENTS 27770 CHECK THE PRIMARY DOCUMENTS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 5000 5000 3,5 6,5 240 290 380 273 380 290 420 420 45000 130000 45000 45000 10000 45000 100000 10000 10000 10000 10000 10000 10000 100000 10000 10000 10000 10000 10000 10000 10000 1	
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1891 1892 1893 1894 1895 1896 1897 1899 1990 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1919 1919 1919 1919 1919 1919	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0009 122_UA?_0019 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0015 122_UA?_0016 123_UA\$64561 0001 124_UA\$6454661_0001 129_UA\$24554661_0001 129_UA\$24554661_0001 129_UA\$24554661_0005 129_UA\$24554661_0006 129_UA\$24554661_0006 129_UA\$24554661_0007 129_UA\$24554661_0007 129_UA\$24554661_0008 129_UA\$24554661_0009 129_UA\$24554661_0009 129_UA\$24554661_0009 129_UA\$24554661_0009 129_UA\$24554661_0009 129_UA\$24554661_00009 129_UA\$24554661_00009 129_UA\$24554661_00009 129_UA\$24554661_00009 129_UA\$24554661_00009 129_UA\$24554661_001001 129_UA\$24554661_00101 129_UA\$24554661_00101 129_UA\$24554661_00101 129_UA\$24554661_0015	Energy resources	liquid	Fuels and lubricants	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Heating oil	Gasoline Motor Oil LPG Jet Fuel 27272 VERIFY A-92 A-92 A-95 Iliquid Iliq	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 5000 5000 3,5 6,5 240 385 249 249 420 420 420 45000 130000 45000 130000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000	
1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1914 1913 1914 1915 1916 1917 1918 1919 1919 1919 1919 1919 1919	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0019 122_UA?_0019 122_UA?_0011 122_UA?_0011 122_UA?_0012 122_UA?_0013 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0018 121_UA_0017 122_UA?_0018 121_UA_05471230_0001 121_UA_05454661_0001 121_UA_05454661_0005 121_UA_0545661_0005 121_UA_0545661_0006 121_UA_0545661_0006 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016	Energy resources	liquid liquid	Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants	0 0 0 0 0 0 0 0 0 0 0 0 0 Heating oil Transformer oil	Gasoline Motor Oil LPG Jet Fuel 27977 VERIFY A-92 A-92 A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t L L L L L L L L L L t t t t	80000 1000 1000 5000 5000 5000 5000 5000	
1891 1892 1893 1894 1895 1896 1897 1899 1990 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1919 1919 1919 1919 1919 1919	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0009 122_UA?_0009 122_UA?_0009 122_UA?_0010 122_UA?_0010 122_UA?_0010 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0013 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0017 122_UA?_0018 122_UA?_0018 122_UA?_0018 122_UA?_0018 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05471230_0001 121_UA05454661_0001 121_UA24554661_0001 121_UA24554661_00101 121_UA24554661_00101 121_UA24554661_0016 121_UA24554661_0016 121_UA24554661_0016	Energy resources	liquid	Fuels and lubricants	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Heating oil	Gasoline Motor Oil LPG Jet Fuel 27777 VERIFY A-92 A-92 /A-95 Iliquid Iliqu	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 10000 50000 50000 3.5 6.5 240 240 273 360 420 420 420 420 420 420 60 60 60 13000 60 12000 60 120 120 120 120 120 120 120 120 120 12	
1891 1892 1893 1894 1895 1896 1897 1897 1898 1990 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1919 1919 1919 1919 1919 1919	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0019 122_UA?_0019 122_UA?_0011 122_UA?_0011 122_UA?_0012 122_UA?_0013 122_UA?_0014 122_UA?_0015 122_UA?_0016 122_UA?_0016 122_UA?_0016 122_UA?_0018 121_UA_0017 122_UA?_0018 121_UA_05471230_0001 121_UA_05454661_0001 121_UA_05454661_0005 121_UA_0545661_0005 121_UA_0545661_0006 121_UA_0545661_0006 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016 121_UA_0545661_0016	Energy resources	liquid liquid liquid	Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Transformer oil Turbine oil Turbine oil	Gasoline Motor Oil LPG Jet Fuel 27977 VERIFY A-92 A-92 A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid	P???? CHECK THE PRIMARY DOCUMENTS ????? CHECK THE PRIMARY DOCUMENTS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t L L L L L L L L L L t t t t	80000 1000 1000 5000 5000 5000 5000 5000	
1891 1892 1893 1894 1895 1896 1897 1990 1900 1901 1902 1903 1904 1905 1907 1908 1909 1910 1911 1912 1914 1915 1916 1917 1918 1918 1919 1919 1919 1919 1919	122_UA?_0002 122_UA?_0003 122_UA?_0004 122_UA?_0005 122_UA?_0005 122_UA?_0006 122_UA?_0006 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0008 122_UA?_0019 122_UA?_0011 122_UA?_0011 122_UA?_0011 122_UA?_0013 122_UA?_0013 122_UA?_0015 122_UA?_0015 122_UA?_0018 122_UA?_0016 122_UA?_0016 122_UA?_0018 121_UA.05471230_0001 122_UA?_0018 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.05471230_0001 121_UA.24584661_0001 121_UA.24584661_0001 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0007 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0006 121_UA.24584661_0016 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0015 121_UA.24584661_0016	Energy resources	liquid liquid liquid liquid	Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants Fuels and lubricants	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Heating oil Transformer oil	Gasoline Motor Oil LPG Jet Fuel 27777 VERIFY A-92 A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid A-92 /A-95 Iliquid	27772 CHECK THE PRIMARY DOCUMENTS 27772 CHECK THE PRIMARY DOCUMENTS 27777	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t t t t t t t t t t t t t t t t t t t	80000 1000 1000 5000 5000 5000 3,5 6,5 6,5 240 385 240 2900 100 100 100 100 100 100 100 100 100	

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	<u> </u>	-	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	
		3/				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					
1940	112_UA131245_0002	Energy resources	liquid	Heating oil	fuel oil low-sulfur	more than 1.0%: mass fraction of mechanical	0	0	t	1280	
1340	112_0/101240_0002	Energy resources	iiquiu	ricating on	idei oli low-salidi	impurities up to 1.0%: pour point not more than	· ·	ů .		12.00	
						25 C; flash point not lower than 110 C) For starts					
						in the absence of gas					
1941	112 UA131245 0003	Energy resources	liquid		0	liquid				40	
1942					0		0	0	cub.m	1.4E+08	
1942	112_UA131245_0004 011_UA23293513_0032	Energy resources	natural gas*	Cool		When working exclusively on gas	0	0	CUD.III	330000	
1943	011_0A23293513_0032	Energy resources	Solid	Coal		G, DG, A, P	U	U	t	330000	
						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					
1944	114_UA5471247_0001	Energy resources	liquid	Heating oil	fuel oil low-sulfur	more than 1.0%; mass fraction of mechanical	0	0	t	3240	
						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					
1945	114_UA5471247_0002	Energy resources	natural gas*		0	When working exclusively on gas	0	0		1,7E+08	
1946	113_UA131334_0001	Energy resources	Solid	Coal		G, DG	0	0	t	230000	
	_		-			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					
1947	113_UA131334_0002	Energy resources	liquid	Heating oil	fuel oil low-sulfur	more than 1.0%; mass fraction of mechanical	0	0	t	1500	
						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					
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			0		0	0	t t	80	
	113_UA131334_0004	Energy resources	liquid		0	liquid	0	0	t		
1950		Energy resources	liquid		U	A-95	0	0		15	
1951	121_UA05471230_0001	Energy resources	liquid	Motor oil		Machine oil	-	· ·	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	
1330	111_0A30013773_0011	Trumamitanan needs	Trotection	civii protection equipment	radioa instala kits	Secon mac and mes (army type)		<u> </u>	pes	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	
	=										
							_	0			
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	
									1	1 T	
1001	444 11420040775 0045	U manifest	Deate of an	Chill protection and and	Demonal protection contour	Constitution	0			700	
1961	111_UA30019775_0016	Humanitarian needs	Protection	Civil protection equipment	Personal protection equipment	Gas masks	U	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 0002	Humanitarian needs	Food			Sugar	0	0	kg	9900	-+
1965	121_UA05471230_0003	Humanitarian needs	Food			Cereals	0	buckwheat	kg	7000	-+
1965	121_UA05471230_0004 121_UA05471230_0005	Humanitarian needs	Food			Cereals	0	wheaten		7000	-+-+
							0		kg		-+-+-
1967	121_UA05471230_0006	Humanitarian needs	Food			preserves		meat in assortment in cans	pcs	3750	
1968	121_UA05471230_0007	Humanitarian needs	Food			preserves	0	fish in assortment in cans	pcs	3200	\longrightarrow
1969	121_UA05471230_0008	Humanitarian needs	Food			Condensed milk	0	in cans	pcs	2640	\longrightarrow
1970	121_UA05471230_0009	Humanitarian needs	Food			Cookies	0	0	packaging	3430	\longrightarrow
1971	121_UA05471230_0010	Humanitarian needs	Food			Water	0	drinking in 6 liter bottle	pcs	14800	\longrightarrow
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	
	120 UA20077720 0001	Humanitarian needs	Protection	Protective equipment and devices	Personal protection equipment	Bullet proof vests	0	any	?	?	
1977			Protection			Helmets	0	any	2	?	
1977	120 UA20077720 0002	Humanitarian needs									
1978	120_UA20077720_0002			Protective equipment and devices Protective equipment and devices	Personal protection equipment		0		?	,	
	120_UA20077720_0002 120_UA20077720_0003 120_UA20077720_0004	Humanitarian needs Humanitarian needs Humanitarian needs	Protection Protection	Protective equipment and devices Protective equipment and devices Protective equipment and devices	Personal protection equipment Personal protection equipment	Portable transmitters / radio Drones	0	any 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	2	2	ı	
1982	120_UA20077720_0006	Humanitarian needs	Protection	Protective equipment and devices		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 Sodium caustic technical liquid (brand RD or	0	any	?	?		
1985	112_UA131245_0001	Humanitarian needs	Water purification			brand A) not lower than I grade (in terms of	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			100%) Contact sulfuric acid improved (in terms of	0	DSTU GOST 2184: 2018 (GOST 2184-2013.IDT), TU BY	t	60		
			·			100%) Lime construction quicklime (1 grade, fraction		300220696043-2007				
1987	112_UA131245_0003	Humanitarian needs	Water purification			to 30 mm) VP-K-A-1-gr	0	DSTU BV.2.7.90-2011	t	67		
1988 1989	112_UA131245_0004 114_UA5471247_0001	Humanitarian needs Humanitarian needs	Water purification Water purification			Sodium hypochlorite grade A Grinding balls, diameter 40 mm	0	TU U 20.1-05761620-001: 2019 III or IV group according to DSTU 8538: 2015	t	35 65		
1990	114_UA5471247_0002	Humanitarian needs	Water purification			petrol aviation B-70 or petrol - solvent "Nefras"	0	TU 38.101913-82 or TU 38.401-67-108-92	t	1		
1991	114_UA5471247_0003	Humanitarian needs				C2-80 / 120 Lime construction quicklime (1 grade, fraction	0	DSTU BV.2.7.90-2011	t	67		
			Water purification			to 30 mm) VP-K-A-1-gr Contact sulfuric acid improved (in terms of		DSTU GOST 2184: 2018 (GOST 2184-2013.IDT), TU BY	-			
1992	114_UA5471247_0004	Humanitarian needs	Water purification			100%)	0	300220696043-2007	t	250		
1993 1994	114_UA5471247_0005 114_UA5471247_0006	Humanitarian needs Humanitarian needs	Water purification Water purification			Sodium hypochlorite grade A Stone salt	0	TU U 20.1-05761620-001: 2019 DSTU 4246: 2003	t t	10		
1001	111_07.0111211_0000	Tramaman noodo	rrator parmounton					GOST 19503-88 (not valid). Appearance - a clear colorless				
1995	114_UA5471247_0007	Humanitarian needs	Water purification			Hydrazine hydrate is technical	0	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		
400=	440 114404004 0000	I bear and the state of the sta	Minter			Sodium caustic technical liquid (brand RD or	Ö	TU U 20.1-05761620-002 2019 or TU U 24.1-33129683-002:		30		
1997	113_UA131334_0002	Humanitarian needs	Water purification			brand A) not lower than I grade (in terms of 100%)	0	2010	t	30		
1998	113_UA131334_0003	Humanitarian needs	Water purification			Lime construction quicklime (1 grade, fraction to 30 mm) VP-K-A-1-gr	0	DSTU BV.2.7.90-2011	t	67		
		=		Equipment for 110/35/10 kV	0.11.1	35 kV, 1,000 A, 16kA vacuum circuit breaker		0		_		
1999	002_UA23359034_0071	Equipment	Electrical	substations Equipment for 110/35/10 kV	Switches	with a spring drive, powered from 220V AC 35 kV, 1,000 A, disconnector with two	0		pcs	5		
2000	002_UA23359034_0072	Equipment	Electrical	substations	Switches	grounding blades, maintenance free 35 kV current transformers with 100/5 molded	0	0	pcs	10		
2001	002_UA23359034_0073	Equipment	Electrical	Equipment for 110/35/10 kV substations	Power transformers	insulation, with 3 secondary windings: 10P / 10P	0	0	pcs	9		
				Equipment for 110/35/10 kV		/ 0.5 C 35 kV current transformers with 200/5 molded						
2002	002_UA23359034_0074	Equipment	Electrical	substations	Switches	insulation, with 3 secondary windings: 10P / 10P / 0.5 C	0	0	pcs	9		
						35 kV packaged switchgear composed of: two						
2003	002_UA23359034_0075	Equipment	Electrical	Equipment for 110/35/10 kV substations	prefabricated cells	sections with a section switch. On each section - three cells (cable gland, transformer bushing.	0	0	pcs	1		
				substations		ET) + a space for one reserve cell						
2004	002_UA23359034_0076	Equipment	Electrical	Equipment for 110/35/10 kV	Overvoltage limiters	35 kV Ur = 40.5kV surge arrester	0	0	pcs	60		
				substations Equipment for 110/35/10 kV		35 kv voltage transformer with molded				- ' '		
2005	002_UA23359034_0077	Equipment	Electrical	substations	Power transformers	insulation	0	0	pcs	9		
2000	000 11400050004 0070	Ft	Floridad	Equipment for 10-0.4 kV overhead	to and standard order		0	aluminum wire with strand cross section of 50mm2 with flame-		22		
2006	002_UA23359034_0078	Equipment	Electrical	power lines	Insulated wire	Aerial bundled cable 4 * 50	0	retardant light-stabilized cross-linked polyethylene insulation Jute protected cable from 4 twisted wires	кm	23		
								aluminum wire with strand cross section of 70mm2 with flame-				
2007	002_UA23359034_0079	Equipment	Electrical	Equipment for 10-0.4 kV overhead power lines	Insulated wire	Aerial bundled cable 4 * 70	0	retardant light-stabilized cross-linked polyethylene insulation	km	23		
				·				Jute protected cable from 4 twisted wires				
2008	002 UA23359034 0080	Equipment	Electrical	Equipment for 10-0.4 kV overhead	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	km	23		
2000	002_0/120000001_0000	Equipmont	Lioundi	power lines	modatos wiio		-	Jute protected cable from 4 twisted wires				
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	pcs	230		
2010	002 UA23359034 0082	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	Automatic circuit breaker 160A	0	current of 100A Automatic circuit breaker with electronic relase for rated	pcs	230		
2010	002_UA23359034_0083		Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	250A automatic circuit breaker	0	current of 160A Automatic circuit breaker with electronic relase for rated	pcs	230		- - -
_		Equipment						current of 250A Automatic circuit breaker with electronic relase for rated				
2012	002_UA23359034_0084	Equipment	Electrical	Equipment TP-RP 10/6 / 0,4kV	Circuit breakers	Automatic circuit breaker 400A	0	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	Linear armature	bracket SN-29	0	a bracket is produced from 10mm thick steel strip	0	0		
			Floatrical	power lines Equipment for 10-0.4 kV overhead	Linear amounture	Bracket U-1	0	a bracket is produced from 10mm thick steel strip	0	0		
2016	002_UA23359034_0088	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Linear armature							-
2017	002_UA23359034_0089	Equipment	Electrical	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	Linear armature	Clamping unit SOAS-120	0	0	pcs	3000		
2022	552_0/120555054_0054	Equipment	Licotifical	power lines	Linear almature	Company with 30A3-120	•	Ŭ	hrs	5500		

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.	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	Linear armature	Glass insulators PS-120	0	0	pcs	2000	
2031	002_UA23359034_0103	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Insulators	Glass insulators PS-70	0	0	pcs	3000	
2032	002_UA23359034_0104	Equipment	Mechanical	power lines Equipment for 10-0.4 kV overhead	Hydraulic presses	Hydraulic press	0	Hydraulic press for cable terminations from 10 to 240 mm.	pcs	6	
2033	002_UA23359034_0105	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	Insulators	insulators SHF-20G	0	pin type porcelain insulator for the rated voltage of up to 1KV	pcs	2600	
-				power lines Equipment for 10-0.4 kV overhead					-		
2034	002_UA23359034_0106	Equipment	Electrical	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	
				Equipment for 10-0.4 kV overhead							
2037	002_UA23359034_0109	Equipment	Electrical	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 $5t/m$	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 $\rm t/m$	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		GIIOIIDIGUIG	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	
2053			Electrical			TMG-100/10	0	100 kVA 10 kV-rated sealed oil-insulated transformer	0	0	
	002_UA23359034_0126	Equipment		Equipment TP-RP 10/6 / 0,4kV	Power transformers		-			-	
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	Flectrical	Equipment TP-RP 10/6 / 0,4kV	Power transformers	TMG-25/10	0	25 kVA 10 kV-rated sealed oil-insulated transformer	0	0	
	002_UA23339034_0130										
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	
							· · · · · · · · · · · · · · · · · · ·				

2007 002_UN2359034_0138	sealed oli-insulated transformer 0 sealed oli-insulated transformer 0 caseled oli-insulated transforme	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 70 15 10 8 8	
2007 002_UM2359031_PM Displayment Decircal Equipment Pice 110.5 M V cembers Title 10.0 M Displayment Pice 110.5 M V cembers Displayment Pice 11	sealed oil-insulated transformer 0 sealed oil-insulated transformer 0 pcs sealed oil-insulated transformer 0 pcs 0	0 0 0 pcs t t t t t t t t t t t t t t t t t t t	0 0 70 15 10 8 8 8	
2009 002_UN2356034_0142 Equipment Electrical Equipment Th/RF 106 / 0.4V Power transformers Min-6109 0. 630xx 6.2vm enter through 10.4vv Power transformers 0. 630xx 6.2vm enter through 10.4vv 0. 6	0	o o pes t t t t t t t t t t t pes pes pes pes pes pes	0 70 15 10 8 8 10 14 428	
2009 002_UN23356034_0142 Equipment Electrical Equipment for 110-05 kV overhead Doors thes Wer As 2010 0 West Advance out.	voltage 20kV. Rated current 400A pcs 0 t 0 t 0 t 0 t 0 t 0 t 0 pcs 0 pcs 0 pcs	t t t t t t t t t t ppcs ppcs	15 10 8 8 10 14 428	
Paginners Biestrical Equipment Biestrical Equipment for 110-35 kV overhead pronor linis Uninsulated wire Wire A5-202-19 0	0 t 0 t 0 t 0 t 0 pcs 0 pcs	t t t t t t t t t t ppcs ppcs	15 10 8 8 10 14 428	
2071 002_UA2335004_0143 Equipment Electrical Equipment for 110-35 NV overhead govern fines Unresidated after Wire A3-300 0	0 t 0 t 0 t 0 pcs 0 pcs	t t t t pcs	10 8 8 10 14 428	
2077 207_UA2359004_0144	0 t 0 t 0 pcs 0 pcs	t t t pcs pcs	8 8 10 14 428	
2072 002_UA2359034_0149	0 t 0 pcs 0 pcs	t t pcs	10 14 428	
2074 002_UA23359034_0146 Equipment Electrical Equipment of the power lines Uninsulated wire Wire A5-95 0	0 t 0 pcs 0 pcs	t pcs	10 14 428	
2075 002_UA2359004_0147 Equipment Electrical Computer networks F6-1000 (1011) (F)-800, (Received Freewall) 0	0 pcs 0 pcs	pcs	14 428	
Computer networks Fortime RG-1000 UM Aurole 1Y 85 Um Aurole	0 pcs	pcs	428	
2076 002_UA23359034_0148 Equipment Electrical Computer networks Fig. 30.0-8.00, (Network frewall) Fortizer of Profiles (Fig. 30.0)	0 pcs	pcs		
2077 002_UA23359034_0150 Equipment Electrical Computer networks 100 (1015) Y FortiSuard Industrial Security 0			4.	
2078 002_UA23359034_0150 Equipment Electrical Computer networks FGR-300 17 ForniGuard Industrial Security Services	0 pcs	pcs	14	
2079 002_UA23359034_0151 Equipment Electrical Computer networks Para Nat Tompeter (F.1.0 Mode/386-02.12 (F.1.1-Ems01-158-0.12) Computer networks Para Nat Tompeter (F.1.1-Ems01-158-0.12) Computer networ			428	
Discription of the profit of t	0 pcs	pcs	54	
2082 002_UA23359034_0154 Equipment Electrical Computer networks 24x7 FortiCare Contract (1 - 1100 USFRS) 0	0 pcs	pcs	1	
2082 002_UA23359034_0154 Equipment Electrical Computer networks license for adding 30 Fortinet devices / Virtual 0 2083 002_UA23359034_0155 Equipment Electrical Computer networks FMG-VM-MASE (poftware) Base license for stackable FortiManager-VM 0 2084 002_UA23359034_0156 Equipment Electrical Computer networks FTX-200 (8) -50 (Software) Fifty pieces one-time password obenine based password generator 2085 002_UA23359034_0157 Equipment Electrical Computer networks FC-10-W0300-27-02-06 (poftware) Fortinet FS- 2745 Year 24x7 Forticare Contract 0 2086 002_UA23359034_0158 Equipment Electrical Computer networks WCentral management console CMC- upper level 0 2087 002_UA23359034_0158 Equipment Electrical Computer networks WCentral management console CMC- upper level 0 2088 002_UA23359034_0159 Equipment Electrical Computer networks WCentral management console CMC- SD0 level 0 2089 002_UA23359034_0159 Equipment Electrical Computer networks HW Guardian Management console CMC- SD0 level </td <td>0 pcs</td> <td>pcs</td> <td>1</td> <td></td>	0 pcs	pcs	1	
2084 002_UA23359034_0156 Equipment Electrical Computer networks Stackable FortManager-VM 0	0 pcs	pcs	44	
2084 002_UA23359034_0156 Equipment Electrical Computer networks password token, time based password 0 2085 002_UA23359034_0157 Equipment Electrical Computer networks FC.10-W0300_247-02-60 (Software) Fortinet FS- 22/45 Year 24/7 Forticare Contract 0 2086 002_UA23359034_0158 Equipment Electrical Computer networks VMCentral management console CMC - upper level 0 2087 002_UA23359034_0159 Equipment Electrical Computer networks VMCentral management console CMC - DSO level 0 2088 002_UA23359034_0160 Equipment Electrical Computer networks HW Guardian MSC-125 (S000 nodes) 0	0 pcs	pcs	0	
2085 002_UA23359034_0157 Equipment Electrical Computer networks FC-10-W0300-247-02-60 (Software) Fortinet FS-2246 Year 24N Forticar Centract 0 2086 002_UA23359034_0158 Equipment Electrical Computer networks VM Central management console CMC - Upper level 0 2087 002_UA23359034_0159 Equipment Electrical Computer networks VM Central management console CMC - DSO level 0 2088 002_UA23359034_0160 Equipment Electrical Computer networks HW Guardian MSC-125 (S000 nodes) 0	0 pcs	pcs	1	
2087 002_UA23359034_0159 Equipment Electrical Computer networks VM Central management console CMC - DSO [evel 0 0 0 0 0 0 0 0 0	0 pcs	pcs	22	
	0 pcs	DCS	1	
2088 002 UA23359034 0160 Equipment Electrical Computer networks HW Guardian NSC-125 (5000 nodes) 0			1	
2088 002 UA23359034_0160 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA23359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Computer networks HW Guardian NSC+250 (5000 nodes) 0 2000 002 UA2359034_0161 Equipment Electrical Comput	0 pcs			
	0 pcs 0 pcs	pcs	3	
FAC VIA 1000 I/C (C-th-ver) A34 - 1000 views		•		
2090 1004 ONUO 151200 OUO Equipment Computer networks to FortiAuthenticator-VM	0 pcs	pcs	2	
2091 004_UA00131268_0002 Equipment Electrical Computer networks FAC-WM-8ase (Software) Fortinet FortiAuthenticator-VM 8ase with 100 user license. Unlimited VCPU.	0 pcs	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	pcs	42	
ZULE 17 FORTIGUARO INDUSTRIAI Security Service	0 pcs	pcs	1	
2094 004_UA00131268_0005 Equipment Electrical Computer networks FG-10-R0300-159-02-12 (Industrial Security 0 Service	0 pcs	pcs	180	
ZZAE 5 YEAR ZAKY FORTILARE CONTRACT	0 pcs	pcs	22	
license for 25 endpoints 24x7	_	pcs	2	
24X7 FORTICATE CONTRACT (1 - 1100 USERS)	0 pcs	pcs	2	
2098 004_UA00131268_0009 Equipment Electrical Computer networks FC2-10Av3004-248-02-12 (Software) Fortinet 1 Y 24x7 Comprehensive FortiCare (1 - 110 0 devices).	0 pcs	pcs	2	

2099	004_UA00131268_0010	Equipment	Electrical	Computer networks		FG-101E (F) -BDL-950-12 (Network firewall) Fortinet FG-101E Hardware plus 1Y 24x7 FortiCare and FortiGuard UTM Bundle	0	0	pcs	42	
2100	004_UA00131268_0011	Equipment	Electrical	Computer networks		FG-201E-BDL-950-12 (Network firewall) Fortinet FG-201E Hardware plus 1 Year 24x7 FortiCare and FortiGuard Unified (UTM)	0	0	pcs	1	
2101	004_UA00131268_0012	Equipment	Electrical	Computer networks		FGR-30D-BDL-950-12 (Network firewall) Fortinet FGR-30D Hardware plus 1Y 24x7 FortiCare and FortiGuard Unified (UTM)	0	0	pcs	180	
2102	004_UA00131268_0013	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	3	
2103	004_UA00131268_0014	Equipment	Electrical	Computer networks		FMG-VM-BASE (Software) Base license for stackable FortiManager-VM	0	0	pcs	2	
2104	004_UA00131268_0015	Equipment	Electrical	Computer networks		FS-224E (Switch) Fortinet FS-224E Layer 2/3 controller compatible switch with 24xGE RJ45, 4xGE SFP	0	0	pcs	22	
2105	004_UA00131268_0016	Equipment	Electrical	Computer networks		FTK-200 (B) -50 OptionFortinet FortiToken-200, fifty OTP tokens, time based password 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 FGR-30D 1Y FortiGuard Industrial Security Service	0	0	pcs	31	
2109	038_UA31018149_0020	Equipment	Electrical	Computer networks		FGR-30D-BDL (Network firewall) Fortinet FGR- 30D, 1Y 8x5 Forticare and Fortiguard UTM	0	0	pcs	31	
2110	029_UA41946011_0021	Equipment	Electrical	Equipment of cable power lines of 10- 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- 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- 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- 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- 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- 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- 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- 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- 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- 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- 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- 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- 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- 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 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 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 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 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 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 transmission lines	cable couplings	35 kV cable termination	0	POLT-42F / 1XI-L16	set	30	
2135	029_UA41946011_0046	Equipment	Electrical	Equipment of 110/35 kV cable transmission lines	cable couplings	35 kV coupling cable joint	0	POLJ-42 / 1x500	pcs	60	
2136	029_UA41946011_0047	Equipment	Electrical	Equipment of 110/35 kV cable transmission lines	cable couplings	35 kV coupling cable joint	0	POLJ-42 / 1x300-400	pcs	60	
2137	029_UA41946011_0048	Equipment	Electrical	Equipment of 110/35 kV cable 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 substations	Switches	35 kV vacuum circuit breaker (unit, 3 phases, 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- 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- 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- 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 power lines	Uninsulated wire	Aluminum-steel wire	0	AS-185/29	kg	1000	

2143	029_UA41946011_0054	Equipment	Electrical	Equipment for 110-35 kV overhead	Uninsulated wire	Aluminum-steel wire	0	AS-300/39	kg	1400	
2144	029_UA41946011_0055	Equipment	electric networks	power lines	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 RLNDZ 10/630 U1	0	RLNDZ 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	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	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	
				Equipment for 10-0.4 kV overhead							
2171	029_UA41946011_0082	Equipment	Electrical	power lines Equipment for 10-0.4 kV overhead	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	power lines Equipment for 10-0.4 kV overhead	Linear SIP fittings	Steel brace	0	Steel brace	pcs	400	
2173	029_UA41946011_0084	Equipment	Electrical	power lines	Linear SIP fittings	Suspension clamp FC-10-R030D-159-02-12 (Software) Fortinet	0	Suspension clamp	pcs	100	
2174	029_UA41946011_0085	Equipment	Electrical	Computer networks		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	0	0	pcs	4	
2182	029_UA41946011_0093	Equipment	Electrical	Computer networks		FortiGuard Unified (UTM) 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	

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	0	0	pcs	1	
2187	029_UA41946011_0098	Equipment	Electrical	Computer networks		power supplies 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	0	0	pcs	5	
2189	029 UA41946011 0100	Equipment	Electrical	Computer networks		GE SFP + Guardian NSG-L 100 (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 Ilicense subscription for 25 centrally managed (on-prem) endpoints. Includes Zero Trust Fabric Telemetry, Remote Access [SSI, and IPSec VPN], Vulnerability Scan, SSOMAL 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	Power transformers	110 kV voltage transformer	0	0	pcs	6	
2193	030_UA23243188_0167	Equipment	Electrical	substations 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 / 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 disconnecter 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	/0.5 C 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	Ö	Ō	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	AAsXSn 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	AAsXSn 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 2211	030_UA23243188_0184 030_UA23243188_0185	Equipment	Electrical Electrical		0	Aluminum shell 150 Aluminum shell 240	0	Voltage class 0.4-20 Voltage class 0.4-20	pcs	200 200	
2211	030_UA23243188_0185 030_UA23243188_0186	Equipment Equipment	Electrical Flectrical		0	Aluminum snell 240 Aluminum shell 95	0	Voltage class 0.4-20 Voltage class 0.4-20	pcs	100	
2212	030_UA23243188_0187	Equipment	Electrical		0	Aluminum tag 120	0	Voltage class 0.4-20 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 2219	030_UA23243188_0192 030_UA23243188_0193	Equipment Equipment	Electrical Electrical		0	Aluminum tag 95 ASXSN insulated wire 4x95	0	Voltage class 0.4-20 Voltage class 0.4-20	pcs km	400 15	
2219	030_UA23243188_0194	Equipment	electric networks		0	Binding band INOX	0	Voltage class 0.4-20 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	Cable cutters	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	

								1					
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		\rightarrow	
2229	030_UA23243188_0203	Equipment	electric networks		0	Cable joint STP 10 70/120 (set)	0	Voltage class 0.4-20	pcs	200		\longrightarrow	
2230	030_UA23243188_0204	Equipment	electric networks		0	CIRCUIT BREAKER AUT. WITH MOLDED CASE	0	Voltage class 0.4-20	pcs	20			
	****	-4-4-4				(ELECTRIC SOCKET) 3P / 100A CIRCUIT BREAKER AUT. WITH MOLDED CASE					\longrightarrow	+	
2231	030_UA23243188_0205	Equipment	electric networks		0	(ELECTRIC SOCKET) 3P / 160A	0	Voltage class 0.4-20	pcs	200			
			-			CIRCUIT BREAKER AUT. WITH MOLDED CASE				-	+	+	
2232	030_UA23243188_0206	Equipment	electric networks		0	(ELECTRIC SOCKET) 3P / 250A	0	Voltage class 0.4-20	pcs	200			
			<u> </u>									-	
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			0	Clamping unit SOAS-120	0	Coupler	pcs	40	+-+	-	-
			electric grids		0		0	Coupler		30	+	+	-
2238	030_UA23243188_0212	Equipment	electric grids		0	Clamping unit SOAS-150		****	pcs		\longrightarrow	+	$\overline{}$
2239	030_UA23243188_0213	Equipment	electric grids		U	Clamping unit SOAS-185	0	Coupler	pcs	30	\longrightarrow	+	
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			
0045					0	Concrete pole for 0.4 kV overhead lines SV 9.5-	0	11.11		1000			
2245	030_UA23243188_0219	Equipment	electric networks		U	2.0	U	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		П	
2240	000_0A20240100_0220	Equipment	CICCUIO HELWOINS					**************************************	pus	200		\longrightarrow	
2247	030_UA23243188_0221	Equipment	electric networks		0	Concrete pole for 10 kV overhead lines SV 10.5-	0	Voltage class 0.4-20	pcs	500			
						5.0					\longrightarrow	+	
2248	030_UA23243188_0222	Equipment	electric networks		U	Copper tag 240	0	Voltage class 0.4-20	pcs	300	\longrightarrow	\longrightarrow	
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		L	
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				0	Cross bar TMz 12	0	Voltage class 0.4-20	pcs	100	-+	\rightarrow	-
2255	030_UA23243188_0229	Equipment Equipment	electric grids		0	Cross bar TMz 15	0	Voltage class 0.4-20 Voltage class 0.4-20	pcs	100	-+	-+	$\overline{}$
			electric grids		0						\longrightarrow	+	$\overline{}$
2256	030_UA23243188_0230	Equipment	electric networks		Ü	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 RLNDZ 10/400	0	Voltage class 0.4-20	pcs	40			
2260	030 UA23243188 0234	Equipment	electric networks		0	Disconnector RLNDZ 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				0	Drive AS-150	0	0		0,2	-+	+	
2263		Equipment	electric grids		0	Drive AS-185	0	0	t		+-+	-	
	030_UA23243188_0237	Equipment	electric grids		U			U	t	0,25	\longrightarrow	+	
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 disconnecter 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	-+	+	
			electric networks		0	Fuse PN 2 630 A	0	Voltage class 0.4-20		60	+	+	
2274	030_UA23243188_0248	Equipment			0		0		pcs		\longrightarrow	$-\!+$	
2275	030_UA23243188_0249	Equipment	electric networks		U	Fuse PN-2 250 A		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	\longrightarrow		
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 Voltage class 0.4-20	pcs	1500	-+	$-\!\!\!+$	-
			-		0		0				\longrightarrow	$-\!+$	
2286	030_UA23243188_0260	Equipment	electric networks		· ·	Grove clamp PC 2 1	-	Voltage class 0.4-20	pcs	1500	\longrightarrow		
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			
						• •					\longrightarrow	+	
2289	030_UA23243188_0263	Equipment	electric networks		0	Insulated wire AAsXSn 1x70	0	Voltage class 0.4-20	km	200	\longrightarrow	L	
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		$\overline{}$	$\overline{}$
2295	030_UA23243188_0269	Equipment	electric networks		0	Insulated wire SIPng-5 4x70	0	Voltage class 0.4-20	km	160		-+	_
2295	030 UA23243188 0270	Equipment	electric networks		0	Insulated wire SIPIg-5 4x70 Insulated wire SIPIg-5 4x95	0	Voltage class 0.4-20 Voltage class 0.4-20	km	160	\longrightarrow	-+	
					0	Insulated Wire Siring-5 4x95 Insulator IPT 1/630 A 01	0			50		$-\!\!\!-\!\!\!\!+$	
2297	030_UA23243188_0271	Equipment	electric networks		U		-	Voltage class 0.4-20	pcs		\longrightarrow	$-\!\!-\!\!\!+$	
2298	030_UA23243188_0272	Equipment	electric networks		0	Insulator IPTV 1/400 A 01	0	Voltage class 0.4-20	pcs	50	\longrightarrow	L	
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			
		' '				i i		-					
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		[1
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				0	Paint PF 115 black	0	Voltage class 0.4-20	kg	100		_
2312		Equipment	electric grids		0		0			25		
	030_UA23243188_0287	Equipment	electric grids		U	Paint PF 115 green		Voltage class 0.4-20	kg			
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	Linear SIP fittings	Piercing clamp TTD 301	0	Voltage class 0.4-20	pcs	300		
2317	030_0A23243100_0291	Equipment	Electrical	power lines	Linear SIF littings	Piercing clamp 110 301	o .	VOITage Class 0.4-20	pcs	300		
2318	030_UA23243188_0292	Equipment	electric grids		0	pole mounted transformer substation 250/10 /	0	Voltage class 0.4-20	set	100		
			electric grids		0	0.4 (a set) with supports	ů	VOITage 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		
					0		0		km			
2325	030_UA23243188_0299 030_UA23243188_0300	Equipment	electric networks		U	Power cable AVVG 4x50	0	Voltage class 0.4-20	km m	0,4		-
2326		Equipment	electric networks		U	Power cable AVVG 4x70		Voltage class 0.4-20	m	1	-+	
2327	030_UA23243188_0301	Equipment	electric grids		0	Power double-wound transformer, equivalent to	0	0	pcs	4		
-			_			TDN-10000 35/10 kV Power double-wound transformer, equivalent to						-
2328	030_UA23243188_0302	Equipment	electric grids		0		0	0	pcs	2		
H			_			TDN-4000 35/6 kV Power double-wound transformer, equivalent to			+			-
2329	030_UA23243188_0303	Equipment	electric grids		0	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		
2222	020 11422242400 0000	Ferrinment	alastria svida		0	Power transformer TDTN-63000 110/35/10	0	0		2		
2332	030_UA23243188_0306	Equipment	electric grids		U			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		
0007	000 11400040400 0044	E and a sect	ata atala antala			D		Ď.				
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 E3UITH 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		
0040	000 11400040400 0047	Et	ala akila a akasasira			ShF 20G Pin type insulator with cap for		11.1		500		
2343	030_UA23243188_0317	Equipment	electric networks		0	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		-
					0	T-connector ZV 1.1.1	0			1000		_
2349	030_UA23243188_0323	Equipment	electric networks		0		0	Voltage class 0.4-20	pcs	6000		_
2350	030_UA23243188_0324	Equipment	electric networks			T-connector ZV 1.2.2		Voltage class 0.4-20	pcs			_
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									3000		
	U3U_UA23243188_U33U	Equipment	electric networks		0	Tension clamp ZN 2.3	0	Voltage class 0.4-20	pcs	3000		
2357					0		0		pcs	3000		
	030_UA23243188_0330 030_UA23243188_0331 030_UA23243188_0332	Equipment	electric networks electric networks electric networks		0	Tension clamp ZN 2.3 Tension clamp ZN 2.4 Tension insulator PSA 15 CE		Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20				
2357 2358	030_UA23243188_0331 030_UA23243188_0332	Equipment Equipment	electric networks electric networks		0 0 0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE	0	Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs	3000 1000		
2357 2358 2359	030_UA23243188_0331 030_UA23243188_0332 030_UA23243188_0333	Equipment Equipment Equipment	electric networks electric networks electric networks		0 0 0 0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500	0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs pcs t	3000 1000 10		
2357 2358 2359 2360	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334	Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks		0 0 0 0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10	0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs pcs t	3000 1000 10 180		
2357 2358 2359 2360 2361	030 UA23243188 0331 030_UA23243188_0332 030_UA23243188_0333 030_UA23243188_0334 030_UA23243188_0335	Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks		0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RND disconnectors	0 0 0 0	Voltage class 0.4-20	pcs pcs t pcs pcs	3000 1000 10 10 180 50		
2357 2358 2359 2360 2361 2362	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks electric grids		0 0 0 0 0 0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RIND disconnectors Corrugated tube 19/25	0 0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs t pcs pcs pcs m	3000 1000 10 180 50 3000		
2357 2358 2359 2360 2361	030 UA23243188 0331 030_UA23243188_0332 030_UA23243188_0333 030_UA23243188_0334 030_UA23243188_0335	Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks		0	Tension clamp 2N 2.4 Tension insulator PSA 15 CE Transformer oil 1 1500 voltage suppressor OPN 10 Wire for RINID disconnectors Corrugated tube 19/25 Corrugated tube 25/32	0 0 0 0	Voltage class 0.4-20	pcs pcs t pcs pcs	3000 1000 10 10 180 50		
2357 2358 2359 2360 2361 2362 2363	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0337	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks electric retworks electric grids electric grids	Company of the Compan	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RIAD disconnectors Corrugated tube 19/25 Corrugated tube 25/32 FC-10F100-179-00-212 (Software) FortiGate-	0 0 0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs pcs t pcs pcs m m	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks electric grids	Computer networks	0	Tension clamp 2N 2.4 Tension insulator PSA 15 CE Transformer oil 1 1500 voltage suppressor OPN 10 Wire for RINID disconnectors Corrugated tube 19/25 Corrugated tube 25/32	0 0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs t pcs pcs pcs m	3000 1000 10 180 50 3000		
2357 2358 2359 2360 2361 2362 2363	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0337	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks electric retworks electric grids electric grids	Computer networks	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RIAD disconnectors Corrugated tube 19/25 Corrugated tube 25/32 FC-10F100F1590-02-12 (Software) FortiGate- 100F 1 Year FortiGuard Industrial Security Service	0 0 0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs pcs t pcs pcs m m	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362 2363 2364	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0332 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0335 030 UA23243188 0337	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids Electrical		0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RINID disconnectors Corrugated tube 19/25 Corrugated tube 29/25 FC.10+100F-196-071(Software) Fortiloate- 100F 1 Year Fortiloard industrial Security Service FC-10-80300-159-02-12 (Software) Fortinet	0 0 0 0 0 0 0 0	Voltage class 0.4-20 Ooltage class 0.4-20	pcs pcs pcs t pcs pcs pcs pcs pcs	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362 2363	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0337	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric networks electric networks electric networks electric networks electric networks electric retworks electric grids electric grids	Computer networks Computer networks	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RNAD disconnectors Corrugated tube 19/25 Corrugated tube 25/32 FC-10F100-179-00-21 [Software] PortiGate- 100F 1 Year FortiGuard Industrial Security Service FC-10-R0300-159-02-12 [Software] Portinet FGR-300 17 FortiGuard Industrial Security	0 0 0 0 0 0	Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20 Voltage class 0.4-20	pcs pcs pcs t pcs pcs m m	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362 2363 2364	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0332 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0335 030 UA23243188 0337	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids Electrical		0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPH 10 Wire for INLND disconnectors Corrugated tube 19/25 Corrugated tube 2/322 FC-10-F100F-196-07-10 (Software) FortiGate- 100F 1 Year FortiGuard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet FGR-300 1Y FortiGuard Industrial Security Service Service	0 0 0 0 0 0 0 0	Voltage class 0.4-20 Ooltage class 0.4-20	pcs pcs pcs t pcs pcs pcs pcs pcs	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362 2363 2364 2365	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0337 030 UA23243188 0337	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids Electrical	Computer networks	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RNAD disconnectors Corrugated tube 19/25 Corrugated tube 25/22 FC-10-F100F-159-02-12 (Software) FortiGate- 1001 1 Year FortiGuard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet FGR-300 1 YFORGOARD Industrial Security Service FC-10-R0300-247-02-60 (Software) Fortinet FC-10-R0300-247-02-60 (Software) Fortinet	0 0 0 0 0 0 0 0	Voltage class 0.4-20 Ooltage class 0.4-20	pcs pcs pcs t pcs pcs pcs pcs pcs	3000 1000 10 180 50 3000 6000		
2357 2358 2359 2360 2361 2362 2363 2364	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0332 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0335 030 UA23243188 0337	Equipment	electric networks electrin entworks electrin entworks electric networks electric networks electric networks electric networks electric grids electric grids electric grids Electrical		0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPH 10 Wire for INLND disconnectors Corrugated tube 19/25 Corrugated tube 2/322 FC-10-F100F-196-07-10 (Software) FortiGate- 100F 1 Year FortiGuard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet FGR-300 1Y FortiGuard Industrial Security Service Service	0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 0 0	pcs	3000 1000 10 10 180 50 3000 6000 54		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 LNA23243188 0333 030 LNA23243188 0334 030 LNA23243188 0335 030 LNA23243188 0336 030 LNA23243188 0336 030 LNA23243188 0338 030 LNA23243188 0338	Equipment	electric networks electric grids electric grids Electrical Electrical	Computer networks	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RNAD disconnectors Corrugated tube 19/25 Corrugated tube 25/22 FC-10-F100F-159-02-12 (Software) FortiGate- 1001 1 Year FortiGuard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet FGR-300 1 YFORGOARD Industrial Security Service FC-10-R0300-247-02-60 (Software) Fortinet FC-10-R0300-247-02-60 (Software) Fortinet	0 0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs	3000 1000 10 10 180 50 3000 6000 54 259		
2357 2358 2359 2360 2361 2362 2363 2364 2365	030 UA23243188 0331 030 UA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0337 030 UA23243188 0337	Equipment	electric networks electrin entworks electrin entworks electric networks electric networks electric networks electric networks electric grids electric grids electric grids Electrical	Computer networks	0	Tension clamp ZN 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RNLND disconnectors Corrugated tube 19/25 Corrugated tube 19/25 Corrugated Tober 19/25 FC-10F100-179-00-21 (Software) FortiGate- 100F 1 Year FortiGuard Industrial Security Service FC-10-8030D-159-02-12 (Software) Fortinet FGR-8019 T FortiGuard Industrial Security Service FC-10-W030D-247-02-60 (Software) Fortinet FC-10-W030D-247-02-60 (Software) Fortinet	0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 0 0	pcs	3000 1000 10 10 180 50 3000 6000 54		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 LNA23243188 0333 030 LNA23243188 0334 030 LNA23243188 0335 030 LNA23243188 0336 030 LNA23243188 0336 030 LNA23243188 0338 030 LNA23243188 0338	Equipment	electric networks electric grids electric grids Electrical Electrical	Computer networks Computer networks	0	Tension clamp 2N 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RIND disconnectors Corrugated tube 19/25 Corrugated tube 19/25 FC-10-F100F-129-G-12 (Software) FortiCate- 100F 1 Year FortiGuard Industrial Security Service FC-10-R030D-139-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service FC-10-W030D-247-02-60 (Software) Fortinet 2245 5 Year 24v FortiCare Contract CF-100F-100F-100-30-12 (Network firewall) Fortinet FG-100F-100F-100-30-12 (Network firewall) Fortinet FG-100F-810-930-12 (Network firewall) Fortinet FG-100F-810-930-12 (Network firewall) Fortinet FG-100F-810-930-12 (Network firewall) Fortinet FG-100F-810-930-12 (Network firewall) Fortinet FG-100F-810-FGR-100F-810-930-12 (Network Firewall) Fortinet	0 0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs pcs pcs t pcs	3000 1000 10 10 180 50 3000 6000 54 259		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0336 030 UA23243188 0339 030 UA23243188 0339 030 UA23243188 0339	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids electric grids Electrical Electrical Electrical	Computer networks Computer networks Computer networks	0	Tension clamp ZN 2.4 Tension insulator Ps AI 5C E Transformer oil 7 1500 voltage suppressor OPH 10 Wire for NILND disconnectors Corrugated tube 13/25 FC-10+100F-129-02-12 (Software) Fortiloate- 100F 1 Year Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6R-300 IY Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6R-300 IY Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Network firewall) Fortinet F6R-100F-R01-950-12 (Network firewall) Fortinet F6R-100F-R01-950-12 (Network firewall) Fortinet FG-100F-R01-950-12 (Network firewall) Fortinet FGR-30-10-150-150-150-150-150-150-150-150-150	0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs pcs pcs t pcs pcs m m pcs pcs	3000 1000 10 10 180 50 3000 6000 54 259 27		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 LNA23243188 0333 030 LNA23243188 0334 030 LNA23243188 0335 030 LNA23243188 0336 030 LNA23243188 0336 030 LNA23243188 0338 030 LNA23243188 0338	Equipment	electric networks electric grids electric grids Electrical Electrical	Computer networks Computer networks	0	Tension clamp 2N 2.4 Tension insulator PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RIND disconnectors Corrugated tube 19/25 Corrugated tube 19/25 FC-10-F100F-199-02-12 (Software) Forticate- 100F 1 year FortiGuard Industrial Security Service FC-10-R030D-159-02-12 (Software) Fortinet FGR-30D 1Y FortiGuard Industrial Security Service FC-10-W030D-247-02-60 (Software) Fortinet FGR-30D-10 Year 20-70 (Software) Fortinet FG-100F-10-90-30-30 (Network Frewall) Fortinet FG-100F-81D-93-12 (Network Frewall) Fortinet FG-100F-81D-93-12 (Network Frewall) Fortinet FG-100F-81D-950-12 (Network Frewall)	0 0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs pcs pcs t pcs	3000 1000 10 10 180 50 3000 6000 54 259		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0336 030 UA23243188 0339 030 UA23243188 0339 030 UA23243188 0339	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids electric grids Electrical Electrical Electrical	Computer networks Computer networks Computer networks	0	Tension clamp 2N 2.4 Tension insulator Ps At 5C E Transformer oil 7 1500 voltage suppressor OPH 10 Wire for INLND disconnectors Corrugated tube 19/25 FC-10+F100F-159-02-12 (Software) Fortiloate- 100F 1 Year Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortiloate- 100F 1 Year Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6H-30D 1Y Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6H-30D 14 Fortiloard Industrial Security FC-10-R0300-159-02-12 (Network frewall) Fortinet FG-100F Hardware plus 1Y 24AF Fortiloare and FGH-300B-105-95-12 (Network frewall) Fortiloare All Fortiloare and F6H-300B-105-95-12 (Network frewall) Fortiloare And Fortiloare All Fortiloare And F6H-300B-105-95-12 (Network frewall) Fortiloare And Fortiloare Holling (UTM)	0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs pcs pcs t pcs pcs m m pcs pcs	3000 1000 10 10 180 50 3000 6000 54 259 27		
2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367	030 LNA23243188 0331 030 LNA23243188 0332 030 LNA23243188 0333 030 LNA23243188 0334 030 LNA23243188 0336 030 LNA23243188 0336 030 LNA23243188 0336 030 LNA23243188 0338 030 LNA23243188 0338 030 LNA23243188 0338 030 LNA23243188 0340	Equipment	electric networks electric grids electric grids Electrical Electrical Electrical Electrical	Computer networks Computer networks Computer networks Computer networks	0	Tension clamp ZN 2.4 Tension instantor PSA 15 CE Transformer oil T 1500 voltage suppressor OPN 10 Wire for RNAD disconnectors Corrugated tube 19/25 Corrugated tube 19/25 Corrugated tube 15/12 FC-10-H100F-159-02-12 (Software) Forticate- 100F 1 Vear FortiGuard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet FGR-300 1Y FortiGuard Industrial Security Service FC-10-W0300-247-02-60 (Software) Fortinet 224 5 Year 24x7 FortiGare Contract FG-100F-810-930-12 (Network Frewall) Fortinet FG-100F-810-930-13 (Network Frewall) Fortinet FG-100F-810-930-14 (Network Frewall) FORTINGAR SOND Hardware plus 1Y 24x7 FortiGare and FortiGuard Unified (UTM) FMG-WM-100-01 (Software) Fortinet Upgrade	0 0 0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 O O O O O	pcs	3000 1000 10 10 180 50 3000 6000 54 259 27		
2357 2358 2359 2359 2360 2361 2362 2363 2364 2365 2366 2366	030 LNA23243188 0331 030 LNA23243188 0332 030 UA23243188 0333 030 UA23243188 0334 030 UA23243188 0335 030 UA23243188 0336 030 UA23243188 0336 030 UA23243188 0339 030 UA23243188 0339 030 UA23243188 0339	Equipment	electric networks electric networks electric networks electric networks electric networks electric networks electric grids electric grids electric grids Electrical Electrical Electrical	Computer networks Computer networks Computer networks	0	Tension clamp 2N 2.4 Tension insulator Ps At 5C E Transformer oil 7 1500 voltage suppressor OPH 10 Wire for INLND disconnectors Corrugated tube 19/25 FC-10+F100F-159-02-12 (Software) Fortiloate- 100F 1 Year Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortiloate- 100F 1 Year Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6H-30D 1Y Fortiloard Industrial Security Service FC-10-R0300-159-02-12 (Software) Fortinet F6H-30D 14 Fortiloard Industrial Security FC-10-R0300-159-02-12 (Network frewall) Fortinet FG-100F Hardware plus 1Y 24AF Fortiloare and FGH-300B-105-95-12 (Network frewall) Fortiloare All Fortiloare and F6H-300B-105-95-12 (Network frewall) Fortiloare And Fortiloare All Fortiloare And F6H-300B-105-95-12 (Network frewall) Fortiloare And Fortiloare Holling (UTM)	0 0 0 0 0 0 0 0 0	Voltage class 0.4-20 Oltage class 0.4-20 Oltage class 0.4-20 O 0 0	pcs pcs pcs t pcs pcs m m pcs pcs	3000 1000 10 10 180 50 3000 6000 54 259 27		

2370	030_UA23243188_0344	Equipment	Electrical	Computer networks		FS-224E (Switch) Fortinet FS-224E Layer 2/3 controller compatible switch with 24xGE RJ45,	0	0	pcs	27	
2371	030_UA23243188_0345	Equipment	Electrical	Computer networks		4xGE SFP 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	
						10 kV packaged switchgear composed of: two sections with a section switch. Each section has					
2376	006_UA00131713_0070	Equipment	electric networks		0	ten bays (transformer bushing, voltage	0	6-10 kV switchgear Equipment	set	4	
20.0	000_0/100101110_0010	Equipmont	GIOGRIO HOLWOTTO		ŭ	transformer, auxiliary transformer, 2 bays for 1000 A outgoing lines, 5 bays for 630 A outgoing	-				
						lines) + space for one spare bay					
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	0	110 kV switchgear Equipment	pcs	18	
					Ů	S					
2379	006_UA00131713_0073	Equipment	electric networks		0	110 kV voltage transformer 110 kV, 1,000 A disconnecter with two	0	110 kV switchgear Equipment	pcs	6	
2380	006_UA00131713_0074	Equipment	electric networks		0	grounding blades	0	110 kV switchgear Equipment	pcs	12	
2381	006_UA00131713_0075	Equipment	electric networks		0	35 kV cable termination POLT-42F / 1XI-L16	0	Cable joints	pcs	4	
2382	006_UA00131713_0076	Equipment	electric networks		0	35 kV coupling cable joint POLJ-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	35 kV switchgear Equipment	pcs	9	
	****	-46			-	/ 0,5 C					
2384	006_UA00131713_0078	Equipment	electric networks		0	35 kV current transformers with 200/5 molded insulation, with 3 secondary windings: 10P / 10P	0	35 kV switchgear Equipment	pcs	12	
						/ 0,5 C 35 kV packaged switchgear composed of: two					
2385	006_UA00131713_0079	Equipment	electric networks		0	sections with a section switch. Each section has	0	35 kV switchgear Equipment	pcs	2	
2000	000_0A00131713_0073	Equipment	CICCUIC NEWORKS		ŭ	three bays (cable bushing, transformer bushing, voltage transformer) + space for one backup bay	•	33 KV SWICEIBEGI EQUIPMENT	pc.	-	
2386	006_UA00131713_0080	Equipment	electric networks		0	35 kV reducing cable joint TRAJ 42 / 1x120-240-	0	Cable joints	pcs	4	
2387	006_UA00131713_0081	Equipment	electric networks		0	3HL 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	0	35 kV switchgear Equipment	pcs	12	
	****	-46				insulation 35 kV, 1,000 A, 16kA vacuum circuit breaker					
2389	006_UA00131713_0083	Equipment	electric networks		0	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 2393	006_UA00131713_0086 006_UA00131713_0087	Equipment Equipment	electric networks		0	Clamping unit SOAS - 120 Clamping unit SOAS - 185	0	Couplers Couplers	pcs	1000 1000	
2394	006_UA00131713_0088	Equipment	electric networks		0	Clamping unit SOAS - 70	0	Couplers	pcs pcs	3000	
2395	006_UA00131713_0089	Equipment	electric networks		0	Clamping unit SOAS -240 Current transformers TVLM 10 100/5 with 3	0	Couplers	pcs	1000	
2396	006_UA00131713_0090	Equipment	electric networks		0	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	0	35 kV switchgear Equipment	pcs	4	
2401	006_UA00131713_0095	Equipment	electric networks		0	to TDN-1000 35/10 kV Double-wound power transformer, equivalent	0	35 kV switchgear Equipment	pcs	2	
2402	006_UA00131713_0096		electric networks		0	to TDN-1000 35/6 kV Double-wound power transformer, equivalent			-		
		Equipment				to TDN-10000-35 / 10 kV Double-wound power transformer, equivalent	0	35 kV switchgear Equipment	pcs	1	
2403	006_UA00131713_0097	Equipment	electric networks		0	to TDN-2500 35/10 kV Double-wound power transformer, equivalent	0	35 kV switchgear Equipment	pcs	2	
2404	006_UA00131713_0098	Equipment	electric networks		0	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 2407	006_UA00131713_0100 006_UA00131713_0101	Equipment Equipment	electric networks		0	Gas torches for working on cable lines Glass insulators PS-70	0	Gas torches for working on cable lines Couplers	pcs pcs	20 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 2412	006_UA00131713_0105 006_UA00131713_0106	Equipment Equipment	electric networks electric networks		0	METAL POLE U110-2 METAL POLE U-35-2	0	Poles Poles	pcs pcs	6 8	- - -
2413	006_UA00131713_0107	Equipment	electric networks		Ö	METAL POLE US-110-6	0	Poles	pcs	4	
2414 2415	006_UA00131713_0108 006_UA00131713_0109	Equipment Equipment	Mechanical electric networks	Devices and tools	Wiring tools	Open end wrench kit 6 - 32 mm Polymer insulators LK-70-110	0	Open end wrench kit 6 - 32 mm Couplers	set pcs	100 3000	
2416	006_UA00131713_0110	Equipment	electric networks		0	Polymer insulators LKTs-120-110	0	Couplers	pcs	800	
2417 2418	006_UA00131713_0111 006_UA00131713_0112	Equipment Equipment	electric networks electric networks		0	Power transformer TDTN-25000 110/35/6 Power transformer TDTN-25000 110/35/6	0	110 kV switchgear Equipment 110 kV switchgear Equipment	pcs pcs	2	+
2418	006_UA00131713_0112 006_UA00131713_0113	Equipment	electric networks		0	Power transformer IDTN-25000 110/35/6 Power transformer TDTN-40000 110/35/10	0	110 kV switchgear Equipment 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	
2422											

								T T T T T T T T T T T T T T T T T T T		1		
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	0	Poles	pcs	30		
					0	POLE SK-26.1-5.1a	0	0				
2427	006_UA00131713_0121	Equipment	electric networks		•	Satphones	•	•	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			SIP 4x35 SIP 4x50	0	Restoration of 0.4-150 kV lines	km km	10		
2430	006_UA00131713_0124	Equipment	electric networks		0	SIP 4X50 SIP 4X70	0	Restoration of 0.4-150 kV lines Restoration of 0.4-150 kV lines		10		_
2431	006_UA00131713_0125 006_UA00131713_0126	Equipment Equipment	electric networks		0	SIP 4x70	0	Restoration of 0.4-150 kV lines	km km	10 10		_
					-	Sonnenschein A 704/245 (58 banks per set) +						
2433	006_UA00131713_0127	Equipment	electric networks		0	charger	0	Accumulator batteries	set	3		
2434	006 UA00131713 0128	Equipment	electric networks		0	Sonnenschein A 706/84 (34 banks per set) +	0	Accumulator batteries	set	3		
						charger						
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 006_UA00131713_0132	Equipment	electric networks		0	Wire AS-120/19 Wire AS-185	0	Restoration of 0.4-150 kV lines	km km	15		
2438 2439	006_UA00131713_0132 006_UA00131713_0133	Equipment			0	Wire AS-185 Wire AS-240	0	Restoration of 0.4-150 kV lines Restoration of 0.4-150 kV lines	km km	4		
2439	006_UA00131713_0133	Equipment	electric networks electric networks		0	Wire AS-240 Wire AS-50	0	Restoration of 0.4-150 kV lines	km	10		
2440	006 UA00131713 0135	Equipment 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		
2442	000_0A00131713_0130	Equipment	CICCUIC HELWOINS		0	FC-10-R030D-159-02-12 (Software) Fortinet		nestoration of 0.4 150 kV intes	KIII	10		
2443	006_UA00131713_0137	Equipment	Electrical	Computer networks		FGR-30D 1Y FortiGuard Industrial Security	0	0	pcs	276		
						Service			ļ	1	\longrightarrow	
2444	006_UA00131713_0138	Equipment	Electrical	Computer networks		FC-10-W0300-247-02-60 (Software) Fortinet	0	0	pcs	27		
2444	000_UM00131713_0138	Equipment	Electrical	Computer networks		224E 5 Year 24x7 FortiCare Contract	· ·	U U	pcs	21		
						FMG-VM-100-UG (Software) Fortinet Upgrade			1	i –		
2445	006_UA00131713_0139	Equipment	Electrical	Computer networks		license 100 devices for total 5 GB / Day and 1 TB	0	0	pcs	2		
						storage						
2446	006_UA00131713_0140	Equipment	Flectrical	Computer networks		FC-10-00119-159-02-12 (Software) Fortinet FG-	0	0	pcs	54		
2110	000_0/100101110_0110	Equipmont	Libotrical	Compater networks		101E 1Y FortiGuard Industrial Security Service	-	_	P-4-7			
						FG-101E (F) -BDL-950-12 (Network firewall)						
2447	006_UA00131713_0141	Equipment	Electrical	Computer networks		Fortinet FG-101E Hardware plus 1Y 24x7	0	0	pcs	54		
						FortiCare and FortiGuard UTM Bundle						
						FGR-30D-BDL-950-12 (Network firewall)						
2448	006_UA00131713_0142	Equipment	Electrical	Computer networks		Fortinet FGR-30D Hardware plus 1Y 24x7	0	0	pcs	276		
				-		FortiCare and FortiGuard Unified (UTM)						
2449	006 11400424742 0442	Continuent	Flectrical	Commutes networks		FS-224E (Switch) Fortinet FS-224E Layer 2/3 controller compatible switch with 24xGE RJ45,	0	0	pcs	27		
2445	006_UA00131713_0143	Equipment	Electrical	Computer networks		4xGE SFP	Ü	ů	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		
						Guardan NS-G-L20 (S000 nodes) 4x00008ase7 slot 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 IfSec VPN), Vulnerability Scan, SSDMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x3 support is also included.		0 0 Fortinet (licenses)				
2451	006_UA00131713_0145 006_UA00131713_0146	Equipment Equipment	Electrical Electrical	Computer networks	0	4x10008aser's lot FC1-15-EMS01-297-03-12 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 (SS. and IPSec VPN), Vulnerability Scan, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and	0	0 Fortinet (licenses)	pcs	8		
2451	006_UA00131713_0145 006_UA00131713_0146 004_UA00131268_0019	Equipment Equipment Equipment	Electrical Electrical	Computer networks	0	4x10008aser's lot FC1-15-EMS01-297-03-12 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 (SS. and IPSec VPN), Vulnerability Scan, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and		0	pcs pcs	8 8		
2451 2452 2453 2454	006_UA00131713_0145 006_UA00131713_0146 004_UA00131288_0019 004_UA00131288_0020	Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids electric grids	Computer networks	0 0 0	4x10008aser's lot FC1-15-EMS01-297-03-12 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 (SS. and IPSec VPN), Vulnerability Scan, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and	0	0 Fortinet (licenses)	pcs pcs pcs pcs	8 8 5		
2451	006_UA00131713_0145 006_UA00131713_0146 004_UA00131268_0019	Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids electric grids electric grids	Computer networks	0	4x10008aser's lot FC1-15-EM501-297-01-12 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. 7 7 7	0 0 0	0 Fortinet (licenses) 0 0	pcs pcs	8 8		
2451 2452 2453 2454 2455 2456 2457	006_UA00131713_0145 006_UA00131713_0146 004_UA00131288_0029 004_UA00131288_0021 004_UA00131288_0022 004_UA00131288_0022	Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids electric grids electric grids electric grids	Computer networks	0	4x10008ase-T slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Vera FortiClient Endpoint Agent license subscription for 25 centrally managed (on-preme) endpoints. Include 2ce Trust Fabric Telementry, Remote Access (SSL and IPSec UPN). Vulnerability Scan, SSDMA. EPP feature for Malvarer, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x7 support is also included. 7 7 7 ALUMINUM TERMINAL 240MM2	0 0 0 0	0 Fortinet (licenses) 0 0 0 240MM2	pcs pcs pcs pcs pcs	8 8 5 50		
2451 2452 2453 2454 2455 2456 2457 2458	006_UA00131713_0145 006_UA00131713_0146 004_UA00131268_0020 004_UA00131268_0020 004_UA00131268_0020 004_UA00131268_0022 004_UA00131268_0023 004_UA00131268_0023	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electric grids electric grids electric grids electric grids electric grids electric grids	Computer networks	0 0 0 0	4x10008aer-f slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Very 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. ? ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A50 Aluminum terminators	0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm	pcs	8 8 5 50 50 50 30		
2451 2452 2452 2453 2454 2455 2456 2457 2458 2459	006_UA00131713_0145 006_UA00131713_0146 004_UA00131288_0029 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0022 004_UA00131288_0023 004_UA00131288_0024	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids	Computer networks	0 0 0	4x10008ase-T slot 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 2can, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x7 support is also included. 7 2 ALUMINUM TERMINAL 240MMM2 ALUMINUM TERMINAL 1210 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A50 Aluminum terminators Aluminum terminators	0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A220 A50 35mm 50mm	pcs	8 8 5 50 50 50 30 30		
2451 2452 2452 2453 2454 2455 2456 2457 2458 2459 2460	006_UA00131713_0145 006_UA00131713_0146 004_UA00131268_0019 004_UA00131268_0020 004_UA00131268_0021 004_UA00131268_0022 004_UA00131268_0022 004_UA00131268_0024 004_UA00131268_0025 004_UA00131268_0025	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0	4x10008ase-T slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Vera FortiClient Endpoint Agent license subscription for 25 centrally managed (on-prem) endpoints. Include zero Trust Fabric Telemetry, Bernote Access (SS), 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. 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL AS0 Aluminum terminators Aluminum terminators Aluminum terminators	0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm	pcs	8 8 5 50 50 50 30 30 30		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461	006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA0131288_0023 004_UA0131288_0024 004_UA0131288_0025 004_UA0131288_0025 004_UA00131288_0026	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0	4x10008aser's lot FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Year FortiClient Endpoint Agent license subscription for 25 centrally managed (non-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 (non-prem) and 24x7 support is also included. 7 ALUMINUM TERMINAL 240MM/2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A50 Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators	0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A320 A50 35mm 50mm 70mm	pcs pcs pcs pcs pcs pcs pcs pcs	8 8 5 50 50 50 50 30 30 30 30		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462	006_UA00131713_0145 006_UA00131713_0146 004_UA00131288_0021 004_UA00131288_0020 004_UA00131288_0022 004_UA00131288_0024 004_UA00131288_0024 004_UA00131288_0024 004_UA00131288_0024 004_UA00131288_0024 004_UA00131288_0024	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electrical Electric grids	Computer networks	0 0 0 0 0 0	4x10008ase-T slot FC1-15-EM501-297-011-12 FortiClient Zero Trust Fabric Agent 1 Vers 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 20k7 support is also included. 7 7 7 ALUMINUM TERMINAL 200MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A50 Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators	0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm	pcs	8 8 5 50 50 50 30 30 30 30 30		
2452 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463	006_UA00131713_0146 006_UA00131713_0146 004_UA00131713_0146 004_UA00131288_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0026	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0	4x10008ase-T slot 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. 7 2 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A50 Aluminum terminators	0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 40chor terminal clamp	pcs	8 8 5 50 50 30 30 30 30 30 2523		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464	006_UA00131713_0145 006_UA00131713_0146 004_UA00131786_0029 004_UA00131286_0021 004_UA00131286_0024 004_UA00131286_0024 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026	Equipment	Electrical Electrical Electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0	4x10008ase-T slot FC1-15-EM501-29-012 FortIClient Zero Trust Fabric Agent 1 Year FortIClient Endpoint Agent license subscription for 25 centrally managed (non-prem) endpoints. Includes Zero Trust Fabric Telemetry, Remote Access (SSL and IPSec VPN). Vulnerability Zean, SDOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox, Con-prem) and 24x7 support is also included. 7 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL AL20 ALUMINUM TERMINAL AL50 Aluminum terminators Anchor terminators Anchor terminators	0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2	pcs	8 8 5 50 50 50 30 30 30 30 30 2523 2523 2		
2451 2452 2453 2454 2455 2456 2457 2458 2460 2461 2462 2463 2464 2465	006_UA00131713_0145 006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0027 004_UA00131288_0029 004_UA00131288_0029 004_UA00131288_0029 004_UA00131288_0029 004_UA00131288_0029	Equipment Equipment Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0	4x10008ase-T slot 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. EPF Reture for Malware, Web Security, Application Firewall, Application Control, Sandbox, One-prem) and 24x7 support is also included. 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A30 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch	0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 1100mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT.CORR. (E-ITRON ROZ.) 3P / 100A	pcs	8 8 5 50 50 50 30 30 30 30 30 2523 2		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466	006_UA00131713_0145 006_UA00131713_0146 004_UA00131786_0029 004_UA00131286_0021 004_UA00131286_0021 004_UA00131286_0022 004_UA00131286_0024 004_UA00131286_0025 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0030026 004_UA00131286_0030026 004_UA00131286_0030026 004_UA00131286_0030026 004_UA00131286_003003004_UA00131286_0031	Equipment Equipment Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0	410008ase-T slot 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 Zan, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox (on-prem) and 24x7 support is also included. 7 ALUMINUM TERMINAL 240MMVZ ALUMINUM TERMINAL A50 ALUMINUM TERMINAL A50 ALUMINUM TERMINAL A50 Aluminum terminators Angle voltage tower 110 kV Automatic switch Bondage hook SIP	0 0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor termial clamp U-tnio-2 BA7E BMM. AUTO. LIT. CORR. (EL-TRON ROZ.) 3P / 100A	pcs	8 8 5 50 50 50 30 30 30 30 30 2523 2523 2		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465	006_UA00131713_0145 006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0027 004_UA00131288_0029 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030	Equipment Equipment Equipment	Electrical Electrical Electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0	4x10008ase-T slot 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. EPF Reture for Malware, Web Security, Application Firewall, Application Control, Sandbox, One-prem) and 24x7 support is also included. 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A30 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch	0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 1100mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT.CORR. (E-ITRON ROZ.) 3P / 100A	pcs	8 8 5 50 50 50 30 30 30 30 30 2523 2		
2451 2452 2453 2454 2455 2456 2457 2458 2460 2461 2462 2463 2464 2465 2466 2467 2467	006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0019 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0024 004_UA00131288_0026 004_UA00131288_0026 004_UA00131288_0028 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030	Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008aser's lot 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 (SS. and IPSec VPN). Vulnerability 2can, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox, On-prem) and 24x7 support is also included. 7 2 ALUMINUM TERMINAL 240MMV2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A50 ALUMINUM TERMINAL A50 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SIP Cable Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. LIT.COR. (EL-TRON.ROZ.) 3P / 100A BA7E BMM. AUTO. LIT.COR. (EL-TRON.ROZ.) 3P / 100A AC-55 / 6-2 AC-35 / 6-2	pcs	8 8 5 50 50 30 30 30 30 2523 2 10 530 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466	006_UA00131713_0145 006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0027 004_UA00131288_0029 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030	Equipment	Electrical Electrical Electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0	410008ase-T slot 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, Sandboo (nor-prem) and 24x7 support is also included. 7 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL AL20 ALUMINUM TERMINAL AL20 ALUMINUM TERMINAL AL30 ALIMINUM TERM	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 1120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT. CORR. (EL-TRON. ROZ.) 3P / 100A Bondage hook SIP AC-50 / 6-2	pcs pcs pcs pcs pcs pcs pcs pcs	8 8 5 50 50 50 30 30 30 30 30 2523 2 10 530 330 330 330 330 330 330 33		
2451 2452 2453 2454 2455 2456 2457 2468 2461 2462 2463 2464 2465 2466 2467 2468	006_UA00131713_0145 006_UA00131713_0146 004_UA00131713_0146 004_UA00131286_0019 004_UA00131286_0021 004_UA00131286_0022 004_UA00131286_0024 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0029 004_UA00131286_0029 004_UA00131286_0031 004_UA00131286_0031 004_UA00131286_0031 004_UA00131286_0033 004_UA00131286_0033	Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008aseT slot FC1-15-EM501-297-112 FortiClient Zero Trust Fabric Agent 17-Year 17-12 FortiClient Zero Trust Fabric Agent 17-Year 17-12 FortiClient Zero Trust Ilicense subscription for 25 centrally managed (non-prem) endopriost. Includes Zero Trust Fabric Telemetry, Remote Access (SSL and IPSec VPN). Vulnerability Cana, SDOMA, EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox, (no-prem) and 24x7 support is also included. 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL SO Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SIP Cable Cable Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. LIT. CORR. (EL-TRON ROZ.) 3P / 100A Bondage hook SiP AC-50/ 6.2 AC-35 / 6.2 AR56UB 1-4 70	pcs	8 8 5 50 50 50 30 30 30 30 2523 2 10 530 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
2452 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2464 2465 2464 2465 2466 2467 2468 2469 2470 2471	006_UA00131713_0146 006_UA00131713_0146 004_UA00131713_0146 004_UA00131288_0029 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0028 004_UA00131288_0028 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030	Equipment	Electrical Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008aser J slot 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. 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A50 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SIP Cable Cable Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT.CORR. (E-1760N ROZ.) 3P / 100A Bondage hook SIP AC-50 / 6.2 A686UB 1-4 * 70 A581-10 3/240	pcs	8 8 5 50 50 30 30 30 30 252 2 10 530 33 30 30 30 30 30 30 30 30 30 30 30 3		
2452 2452 2453 2454 2455 2456 2457 2458 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470	006_UA00131713_0145 006_UA00131713_0146 004_UA00131713_0146 004_UA00131288_0029 004_UA00131288_0021 004_UA00131288_0024 004_UA00131288_0024 004_UA00131288_0026 004_UA00131288_0026 004_UA00131288_0028 004_UA00131288_003004 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0033 004_UA00131288_0035 004_UA00131288_0035 004_UA00131288_0035 004_UA00131288_0035	Equipment	Electrical Electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	410008ase-T slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust FSabir: 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 Zean, SDOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox, One-prem) and 24x7 support is also included. 7 2 ALUMINUM TERMINAL 240MM/2 ALUMINUM TERMINAL ASO ALUMINUM TERMINAL ASO ALUMINUM TERMINAL ASO Aluminum terminators Annehor terminal clump Angle voltage tower 110 kV Automatic switch Bondage hook SIP Cable Cable Cable Cable Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Fortinet (licenses) 0 0 10 240MM2 A120 A50 35mm 50mm 70mm 70mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT. COR. (EL-TRON ROZ.) 3P / 100A Bondage hook SiP AC-30 / 6.2 A636/ 6.2 A6366UB 1-4 * 70 ASH-10 3/240 A8B 1-4 70	pcs	8 8 5 50 50 30 30 30 30 32 25 33 3 2 10 53 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
2452 2452 2452 2453 2454 2455 2456 2460 2461 2462 2462 2462 2462 2462 2462 2463 2463 2462 2462 2462 2462 2463 2464 2465 2465 2467 2467 2472 2472 2472 2473	006_UA00131713_0146 006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA0131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0028 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0031 004_UA00131288_0031 004_UA00131288_0034 004_UA00131288_0038 004_UA00131288_0038 004_UA00131288_0038 004_UA00131288_0038 004_UA00131288_0038 004_UA00131288_0038	Equipment Equipment Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008ase-T slot 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, One-prem) and 24x7 support is also included. 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A20 ALUMINUM TERMINAL A50 Aluminum terminators Aluminum terminators Aluminum terminators Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SP Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 O 0 240MM2 A120 A50 35mm 55mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. LTC.CRR. (E-ITRON.ROZ.) 3P / 100A Bondage hook SIP AC-50 / 6-2 AC-35 / 6-2 AS-35 / 6-2 AS-36-10 3/240 ASB-10 3/240	pcs	8 8 5 50 50 30 30 30 30 30 30 30 30 30 3		
2452 2452 2452 2453 2454 2455 2455 2456 2457 2458 2466 2462 2462 2462 2462 2463 2464 2462 2463 2464 2465 2465 2467 2472 2473 2473	006_UA00131713_0146 006_UA00131713_0146 006_UA00131713_0146 004_UA00131286_0029 004_UA00131286_0021 004_UA00131286_0021 004_UA00131286_0022 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0026 004_UA00131286_0030	Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008aser J slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust FSabric Agent 1 Year FortiClient Endpoint Agent license subscription for 25 centrally managed (on-prem) endpoints. Includes Zero Trust Fabric Telemetry, Remote Access (SS. and IPSec VPN). Vulnerability Zean, SSOMA. EPP feature for Malware, Web Security, Application Firewall, Application Control, Sandbox, One-prem) and 24x7 support is also included. 7 ALUMINUM TERMINAL 240MMV2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A50 Aluminum terminators Anchor terminal Clamp Angle voltage tower 110 kV Automatic switch Bondage hook SIP Gable Cable	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. LIT.CORP. (EL-TRON ROZ.) 3P / 100A BA7E BMM. AUTO. LIT.CORP. (EL-TRON ROZ.) 3P / 100A BA7E BMM. AUTO. LIT.CORP. (EL-TRON ROZ.) 3P / 100A BA7E BMM. AUTO. LIT.CORP. (EL-TRON ROZ.) 3P / 100A BA7E BMM. AUTO. LIT.CORP. (EL-TRON ROZ.) 3P / 100A BA8BI BA7E BMM. AUTO. CASBI BLIR ATO A8BI BLIR ATO A8BI BLIR ATO CASBI CASBI BAYO CASBI CASBI BAYO CASBI BLIR ATO ABBI BLIR ATO CASBI BLIR ATO ABBI BLIR ATOS	pcs	8 8 5 50 50 50 30 30 30 30 22523 22 10 530 30 20 50 50 50 50 50 50 50 50 50 5		
2452 2452 2453 2454 2455 2456 2457 2457 2459 2460 2461 2462 2463 2464 2465 2462 2463 2464 2465 2464 2465 2462 2463 2464 2464 2465 2466 2470 2470 2470 2473 2474 2473	006_UA00131713_0146 006_UA00131713_0146 006_UA00131713_0146 004_UA00131788_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0023 004_UA00131288_0023 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0028 004_UA00131288_0028 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0030 004_UA00131288_0038	Equipment Equipment Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008ase-T slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust Fabric Agent 1 Year FortiClient Endpoint Agent license subscription for 25 centrally managed (lon-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. 7 7 7 ALUMINUM TERMINAL 240MM2 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A120 ALUMINUM TERMINAL A50 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SP Cable ABBEILUB 4X70 CABLE ABBEILUB 4X50	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 240MM2 A120 A50 35mm 50mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BMM. AUTO. UT.CORR. (EU.RON.ROZ.) 3P / 100A Bondage hook SIP AC-50 / 6.2 AC-35 / 6.2 AC-35 / 6.2 ASBULL AT 70 A	pcs	8 5 50 50 30 30 30 30 30 30 30 30 30 30 30 50 50 50 50 50 50 50 50 50 50 50 50 50		
2452 2452 2452 2453 2454 2455 2455 2457 2459 2460 2462 2462 2462 2463 2464 2462 2463 2464 2462 2463 2464 2465 2466 2470 2471 2472 2473 2474 2475	006_UA00131713_0146 006_UA00131713_0146 006_UA00131713_0146 004_UA00131288_0020 004_UA00131288_0021 004_UA00131288_0021 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0025 004_UA00131288_0026 004_UA00131288_0028 004_UA00131288_0030 004_UA00131288_0038	Equipment	electrical electric grids	Computer networks	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4x10008aser J slot FC1-15-EMS01-297-01-12 FortiClient Zero Trust FSabric 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. 7 ALUMINUM TERMINAL 240MM/2 ALUMINUM TERMINAL A200 ALUMINUM TERMINAL A200 Aluminum terminators Anchor terminal clamp Angle voltage tower 110 kV Automatic switch Bondage hook SIP Cable ABSE AXSS CABLE ABSE AXSS CABLE ACSS (6.2		0 0 0 240MM2 A120 A50 35mm 50mm 70mm 95mm 120mm Anchor terminal clamp U-110-2 BA7E BHM. AUTO, UT, CORR, (EL-TRON, ROZ.) 3P / 100A Bondage hook SIP AC-50 / 6.2 A6581-03 / 3240 A881-03 / 3240 A881-07 / 3240	pcs	8 8 5 50 30 30 30 30 25523 2 10 10 50 50 30 30 30 30 20 50 50 50 50 50 50 50 50 50 50 50 50 50		
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2529 0.04	2526	004_UA00131268_0092	Equipment	electric grids		0	FUSE 011-6-10-40U1	0	011-6-10-40U1	pcs	15		
2525 004	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		
2525 0.04	2528	004 UA00131268 0094	Equipment	electric grids		0	FUSE PKT-012-6-40-31,5U3	0	PKT-012-6-40-31,5U3	pcs	15		
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2588 0.04 UA00131288 0105 Equipment electric grids 0 PC-120A pc 20			Equipment	electric grids		0				pcs			
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2541 004 UAD0131286 0108 Equipment electric grids 0 Glass inculators for hanging lines 0 PSD-70E pcs 100	2540	004_UA00131268_0106	Equipment			0	Gas burners for working on cable lines	0	Gas burners for working on cable lines	pcs	6		
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2552 004_UA00131268_0118 Equipment electric grids 0 Hydraulic press for cable terminations from 10 to 240 mm. pcs 10			Equipment	electric grids		0	Hooking fittings for hanging lines			pcs			
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	2552 2553 2554 2555 2556 2557 2558	004_UA00131268_0118 004_UA00131268_0119 004_UA00131268_0120 004_UA00131268_0121 004_UA00131268_0122 004_UA00131268_0123 004_UA00131268_0123	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric grids electric grids Electrical electric grids electric grids electric grids electric grids	Supplies	0 Supplies 0 0	LED floodlight Lightning protection rope for hanging lines 35- 110 kV Load disconnector MEAS. AUT. LIT.COR. (EL-TRON SOC.) 3P / 100A	0 0 0 0	LED floodlight, on a tripod ROPE 9.1 DSTU 2688-80 VNP2-10/630 3P / 100A	pcs pcs km pcs	20 2 10 5		
2561 004 UA00131268 0127 Equipment electric grids 0 MEAS. AUT. LIT.COR. (EL-TRON. SOC.) 3P / 400A 0cs 2	2552 2553 2554 2555 2556 2556 2557 2558 2559	004_UA00131268_0118 004_UA00131268_0119 004_UA00131268_0120 004_UA00131268_0122 004_UA00131268_0122 004_UA00131268_0123 004_UA00131268_0123 004_UA00131268_0124	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric grids electric grids Electrical electric grids electric grids electric grids electric grids electric grids electric grids	Supplies	O Supplies O O O O O O O O O O O O O O O O O O O	LED floodlight Lightning protection rope for hanging lines 35- 110 kV Load disconnector MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 100A MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 160A	0 0 0 0	LED floodlight, on a tripod ROPE 9.1 DSTU 2688-80 VNP:-10/630 3P / 100A 3P / 160A	pcs pcs km pcs pcs pcs	20 2 10 5		
	2552 2553 2554 2555 2556 2557 2558 2559 2560	004_UA00131268_0118 004_UA00131268_0119 004_UA00131268_0120 004_UA00131268_0122 004_UA00131268_0122 004_UA00131268_0123 004_UA00131268_0124 004_UA00131268_0125 004_UA00131268_0125	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric grids electric grids Electrical electric grids electric grids electric grids electric grids electric grids electric grids	Supplies	O Supplies O O O O O O O O O O O O O O O O O O O	LED floodlight Lightning protection rope for hanging lines 35- 110 kV Load disconnector MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 100A MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 166A MEAS. AUT. LIT.COR. (EL-TRON.SOC.) 3P / 250A	0 0 0 0	LED floodlight, on a tripod ROPE 9.1 DSTU 2688-80 VNP:-10/630 3P / 100A 3P / 160A 3P / 250A	pcs pcs km pcs pcs pcs	20 2 10 5		

2562	004 UA00131268 0128	Equipment	electric grids		0	Metal concrete rack for hanging lines 35 kV 0	RACK CK16.4-02	pcs		
					<u> </u>				-	
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 0	METAL CONSTRUCTION FOR METAL CONCTRETE POST N6-110-	set	4	
2567	004_UA00131268_0133	Equipment	electric grids		0	110 kV Metal construction for metal concrete posts PL 0	METAL CONSTRUCTION FOR METAL CONCTRETE POST N6-110-	set	4	
						110 kV	8 METAL CONSTRUCTION FOR METAL CONCTRETE POST 95-110-		4	
2568	004_UA00131268_0134	Equipment	electric grids		0	Metal construction for metal concrete posts PL 0 Metal construction for metal concrete posts PL 0	13	set		
2569	004_UA00131268_0135	Equipment	electric grids		0	35 kV	1-16.4	set	6	
2570	004_UA00131268_0136	Equipment	electric grids		0	Metal construction for metal concrete posts PL 0 35 kV	METAL CONSTRUCTION FOR METAL CONCTRETE POST NB-35- 3.1-16.4	set	4	.
2571	004_UA00131268_0137	Equipment	electric grids		0	Metal construction for metal concrete posts PL 0	METAL CONSTRUCTION FOR METAL CONCTRETE POST V5-35- 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-2Π (TM 9) 0	TN-2P (TM 9)	pcs	20	
2574 2575	004_UA00131268_0140 004_UA00131268_0141	Equipment	electric grids		0	METAL CONSTRUCTION U-1 0 METAL CONSTRUCTION X-10 HB 0	Y-1-2 X-10 HB	pcs	5 20	
2576	004_UA00131268_0141	Equipment Equipment	electric grids electric grids		0	METAL CONSTRUCTION X-10 HB 0		pcs pcs	10	
				Equipment for 10-0.4 kV overhead					2394	
2577	004_UA00131268_0143	Equipment	Electrical	power lines	Linear SIP fittings		Piercing clamp	pcs		
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 Polymer insulators for hanging lines 0	INSULATOR LK-70-35-5 (S-B)	pcs	60	
2580 2581	004_UA00131268_0146 004_UA00131268_0147	Equipment Equipment	electric grids electric grids		0	Polymer insulators for hanging lines 0 Polymer insulators for hanging lines 0	INSULATOR LK 70-110-5 (SB) INSULATOR LK-120-110-5Ts (S-B)	pcs pcs	30 30	
2582	004_UA00131268_0148	Equipment	electric grids		0	Polymer insulators ICC-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 2589	004_UA00131268_0154 004_UA00131268_0155	Equipment	electric grids		0	Power transformer 10 / 0.4 kV 0	TMG-630 kVA 10 / 0.4 kV TMG-400 kVA 10 / 0.4 kV	pcs	9	
2589	004_UA00131268_0156	Equipment	electric grids		0	Power transformer 10 / 0.4 kV 0 Power transformer 10 / 0.4 kV 0	TMG-400 kVA 10 / 0.4 kV TC-1000 kVA 10 / 0.4 kV	pcs	13 2	
2591	004_UA00131268_0157	Equipment Equipment	electric grids electric grids		0	Power transformer 10 / 0.4 kV 0	TC-630 kVA 10 / 0.4 kV	pcs 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		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 2598	004_UA00131268_0163 004_UA00131268_0164	Equipment Equipment	electric grids electric grids		0	Power transformer 6 / 0.4 kV 0 Power transformer 6 / 0.4 kV 0	TMG-630 kVA 6 / 0.4 kV TMG-100kVA	pcs pcs	10	
2599	004_UA00131268_0165	Equipment	electric grids		0	Power transformer 6 / 0.4 kV 0		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 2606	004_UA00131268_0171 004_UA00131268_0172	Equipment	electric networks		0	Satphones 0 Spanner wrench set 6 - 32 mm 0	0 Spanner wrench set 6 - 32 mm	pcs set	50 100	
		Equipment	electric grids		<u> </u>	Charles of all resistances and a fee baseling lines 20				
2607	004_UA00131268_0173	Equipment	electric grids		0	110 kV	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			0,5	.
2609	004_UA00131268_0175	Fauinment					CABLE AC-95/16	t	0,5	
2610		Equipment	electric grids		0	Steel and aluminum cable for hanging lines 35-	CABLE AC-95/16 CABLE AC-150/24	t	1	'
20.0	004 UA00131268 0176					Steel and aluminum cable for hanging lines 35- 110 kV 0 Steel and aluminum cable for hanging lines 35-	CABLE AC-150/24	t	1	
2044	004_UA00131268_0176	Equipment	electric grids		0	Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 110 kV 0	CABLE AC-150/24 CABLE AC-185/29		1	
2611	004_UA00131268_0177	Equipment Equipment	electric grids		0	Steel and aluminum cable for hanging lines 35- 0 Steel and aluminum cable for hanging lines 35- 1 104V Steel and aluminum cable for hanging lines 35- 0 Steel and aluminum cable for hanging lines 35- 1 104V	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32	t	1 1 0,5	
2612	004_UA00131268_0177 004_UA00131268_0178	Equipment Equipment Equipment	electric grids		0	Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 10 kV Steel and aluminum cable for hanging lines 35- 20 common steel and aluminum cable for hanging lines 35-	CABLE AC-150/24 CABLE AC-185/29	t	1 1 0,5 0,5	
2612 2613	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179	Equipment Equipment Equipment Equipment	electric grids electric grids electric grids electric grids		0 0 0	Steel and aluminum cable for hanging lines 35- 10 6W	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-200/39 Steel bondage tape SIP	t t t t m	1 1 0,5 0,5 2020	
2612 2613 2614	004_UA00131268_0177 004_UA00131268_0178	Equipment Equipment Equipment	electric grids electric grids electric grids		0 0 0 0	Steel and aluminum cable for hanging lines 35- 0	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace	t t t	1 0,5 0,5 2020 2020	
2612 2613	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179	Equipment Equipment Equipment Equipment	electric grids electric grids electric grids electric grids		0 0 0	Steel and aluminum cable for hanging lines 35- 10 6W	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace	t t t t m	1 1 0,5 0,5 2020	
2612 2613 2614	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180	Equipment Equipment Equipment Equipment Equipment	electric grids electric grids electric grids electric grids electric grids electric grids		0 0 0 0	Steel and aluminum cable for hanging lines 35- 0	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6	t t t t m pcs	1 0,5 0,5 2020 2020	
2612 2613 2614 2615 2616 2617	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0182	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	electric grids electric grids electric grids electric grids electric grids electric grids		0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 10	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400	t t t t m pcs	1 0,5 0,5 2020 2020 30 30 199	
2612 2613 2614 2615 2616 2617 2618	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0183	Equipment	electric grids		0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 10	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-630	t t t t m pcs pcs pcs	1 0,5 0,5 2020 2020 30 30 199 97	
2612 2613 2614 2615 2616 2617 2618 2619	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0184 004_UA00131268_0184	Equipment	electric grids		0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 kV	CABLE AC-150/24 CABLE AC-150/24 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-530 RPS-520	t t t t t m pcs pcs pcs pcs pcs pcs	1 0,5 0,5 2020 2020 30 30 199 97 40	
2612 2613 2614 2615 2616 2617 2618 2619 2620	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0184 004_UA00131268_0185 004_UA00131268_0185	Equipment	electric grids		0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 0 Steel and aluminum cable for hanging lines 35- 0 Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel brace and suminum cable for hanging lines 35- Steel brace best brace 0 Supporting fittings for cables of hanging lines 0 Supporting fittings for cables of hanging lines 0 Switch 0 Switch 0 Tensioning fittings for hanging lines	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-240/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-630 RPS-250 CLAMP NB-2-6A	t t t t t m pcs pcs pcs pcs pcs pcs pcs pcs	1 1 0,5 0,5 2020 2020 30 30 199 97 40 30	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0178 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0184 004_UA00131268_0186 004_UA00131268_0186	Equipment	electric grids		0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel brace 110 EV Steel brace 0 Steel bondage tape SIP Steel brace 0 Supporting fittings for cables of hanging lines Switch 0 Switch 0 Switch 0 Switch 0 Switch 0 Tensioning fittings for hanging lines 0	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-630 RPS-250 CLAMP NB-2-6A CLAMP NB-3-6A	t t t t t m pcs	1 0,5 0,5 2020 2020 30 30 199 97 40 30 30 30 30 30 30	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0183 004_UA00131268_0184 004_UA0131268_0185 004_UA00131268_0180 004_UA00131268_0180 004_UA00131268_0181	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 0 Steel and aluminum cable for hanging lines 35- 10 EV Steel and aluminum cable for hanging lines 35- 0 EV Steel and aluminum cable for hanging lines 35- 0 EV Steel bondage tape SIP 0 Steel bondage tape SIP 0 Steel bondage tape SIP 0 Supporting fittings for cables of hanging lines 0 Supporting fittings for cables of hanging lines 0 EV Supporting fittings for cables of hanging lines 0 EV Switch 0 Switch 0 Switch 0 Tensioning fittings for hanging lines 0 Tensioning fittings for hanging lines	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-530 RPS-530 CLAMP NB-3-6A CLAMP NB-3-6A CLAMP NB-3-6A	t t t t t m pcs	1 1 0,5 0,5 2020 2020 30 30 199 97 40 30 30 87	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0185 004_UA00131268_0188 004_UA00131268_0188 004_UA00131268_0188	Equipment	electric grids		0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel and aluminum cable for hanging lines 35- 110 EV Steel brace 110 EV Steel brace 0 Steel bondage tape SIP Steel brace 0 Supporting fittings for cables of hanging lines Switch 0 Switch 0 Switch 0 Switch 0 Switch 0 Tensioning fittings for hanging lines 0	CABLE AC-150/24 CABLE AC-150/24 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-630 RPS-520 CLAMP N2-6-AC CLAMP N2-6-AC CLAMP N3-6-AC CLAMP N3-6-AC CLAMP N3-6-AC PEVTP-1 (150-200) PEVTP-1 (170-120)	t t t t t t t pcs	1 0,5 0,5 2020 2020 30 30 199 97 40 30 30 30 30 30 30	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0183 004_UA00131268_0184 004_UA00131268_0184 004_UA00131268_0186 004_UA00131268_0186 004_UA00131268_0186 004_UA00131268_0186 004_UA00131268_0188	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 10 EV	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-530 RPS-530 CLAMP NB-3-6A CLAMP NB-3-6A CLAMP NB-3-6A	t t t t t m pcs	1 1 0,5 0,5 2020 2020 30 30 199 97 40 30 30 87	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0185 004_UA00131268_0188 004_UA00131268_0188 004_UA00131268_0188	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 110 kV Steel and aluminum cable for hanging lines 35- 110 kV Steel brace 90 Steel brace 90 Steel brace 90 Steel brace 90 Supporting fittings for cables of hanging lines 90 Supporting fittings for cables of hanging lines 90 Supporting fittings for cables of hanging lines 90 Switch 90 Switch 90 Switch 90 Switch 90 Ternsioning fittings for hanging lines 90 Ternsioning fittings for hanging lines 90 Ternsioning fittings for hanging lines 90 Ternsioning cable joint 0.4 kV 90 Terminator cable joint 0.4 kV 90 Terminator cable joint 10 kV 70 cable with 90	CABLE AC-150/24 CABLE AC-150/24 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PON-2-6 CLAMP PON-3-5 RPS-400 RPS-500 RPS-500 CLAMP NB-3-6A CLAMP NB-3-6A CLAMP NB-3-6A PAVTP-1 (70-120) 3NNTP-10 70/120	t t t t t t t pcs	1 0,5 0,5 2020 30 30 30 199 40 30 30 87 186 5	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0181 004_UA00131268_0184 004_UA00131268_0184 004_UA00131268_0181 Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 10 Evel and aluminum cable for hanging lines 35- Steel and aluminum cable for hanging lines 35- 10 Line V Steel and aluminum cable for hanging lines 35- 10 Line V Steel and aluminum cable for hanging lines 35- 10 Line V Steel bondage tape SIP Steel bondage tape SIP Steel bondage tape SIP Supporting fittings for cables of hanging lines Supporting fittings for cables of hanging lines Supporting fittings for cables of hanging lines One of the steel of the	CABLE AC-150/24 CABLE AC-150/24 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-630 RPS-530 CLAMP NB-2-6A CLAMP NB-	t t t t t t m pcs	1 0,5 0,5 2020 2020 30 30 199 97 40 30 30 87 186 5 6 304		
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0185 004_UA00131268_0186 004_UA00131268_0189 004_UA0131268_0189 004_UA0131268_0190 004_UA0131268_0190 004_UA0131268_0190 004_UA00131268_0191	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- 10 EV	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-501 RPS-501 CLAMP NB-2-6A CLAMP NB-3-6A PWTP-1 (150-240) PNTP-1 (70-120) 3NNTP-10 70/120 XNTP-10 150/240 KNTP 10 / 70-120	t t t t t t t t m pcs	1 0,5 0,5 2020 30 30 199 97 40 30 87 186 5 6 304 312	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2627	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0183 004_UA00131268_0184 004_UA00131268_0184 004_UA00131268_0184 004_UA00131268_0189 004_UA00131268_0189 004_UA00131268_0189 004_UA00131268_0189 004_UA00131268_0191 004_UA00131268_0191	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- Steel and aluminum cable for hanging lines 35- Steel and aluminum cable for hanging lines 35- O	CABLE AC-150/24 CABLE AC-150/24 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PON-2-6 CLAMP PON-3-5 RPS-400 RPS-500 RPS-520 CLAMP NB-3-6A CLAMP NB-3-6A CLAMP NB-3-6A PAVTP-1 (70-120) 3NNTP-10 70/120 3NNTP-10 70/120 XNTP-10 70-120 XNTP-10 70-120 XNTP-10 70-120 XNTP-10 70-240 KNTP 10 70-240 KNTP 10 70-240 KNTP 10 70-240 KNTP 10 70-240 POLT-42F 135-146	t t t t m pcs	1 1 0,5 0,5 2020 30 30 199 97 40 30 30 87 186 5 6 304 312 30	
2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627	004_UA00131268_0177 004_UA00131268_0178 004_UA00131268_0179 004_UA00131268_0180 004_UA00131268_0181 004_UA00131268_0181 004_UA00131268_0182 004_UA00131268_0183 004_UA00131268_0183 004_UA00131268_0185 004_UA00131268_0186 004_UA00131268_0189 004_UA0131268_0189 004_UA0131268_0190 004_UA0131268_0190 004_UA0131268_0190 004_UA00131268_0191	Equipment	electric grids		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Steel and aluminum cable for hanging lines 35- Steel and aluminum cable for hanging lines 35- Steel and aluminum cable for hanging lines 35- 10 W Steel and aluminum cable for hanging lines 35- 10 W Steel and aluminum cable for hanging lines 35- 10 W Steel and aluminum cable for hanging lines 35- 10 W Steel bondage tape SIP Steel bondage tape SIP Supporting fittings for cables of hanging lines On Switch Switch Tensioning fittings for hanging lines On Tensioning fittings for hanging lines On Tensioning fittings for hanging lines On Terminator cable joint Out AV Terminator cable joint Out AV Terminator cable joint 10 kV Terminator cable joint 10 kV On Terminator cable joint 10 kV n Cable with paper insulation Terminator cable joint 36 kV for cable with paper insulation Terminator cable joint 36 kV On cable with paper insulation Terminator cable joint 36 kV On cable with Terminator cable joint 36 kV	CABLE AC-150/24 CABLE AC-185/29 CABLE AC-240/32 CABLE AC-240/32 CABLE AC-300/39 Steel bondage tape SIP Steel brace CLAMP PGN-2-6 CLAMP PGN-3-5 RPS-400 RPS-501 RPS-501 CLAMP NB-2-6A CLAMP NB-3-6A PWTP-1 (150-240) PNTP-1 (70-120) 3NNTP-10 70/120 XNTP-10 150/240 KNTP 10 / 70-120	t t t t t t t t m pcs	1 0,5 0,5 2020 30 30 199 97 40 30 87 186 5 6 304 312	

200 September Company Compan														
1966 1966	2631	004_UA00131268_0197	Equipment	Electrical		0	TRANSDUCING INSULATORS IP-6 / 400-3.75 UHL	0	IP-6 / 400-3.75 UHL 2	pcs	12			
150 150	2632	004 UA00131268 0198	Fauipment	Flectrical		0	Transformer oil T-1500	0	Transformer oil T-1500	t	10			$\overline{}$
200 100				Flectrical		0	Traverse TM-3	0	TM-3	pcs	218			
100 100						0								$\overline{}$
200 Company						0		0	AC-185/29		2000			
March Marc						0		0						$\overline{}$
200 10 10 10 10 10 10 10						0	AC cable	0	50mm		1000			
Page			Equipment			0		0						
	0000				Equipment for 10-0.4 kV overhead		440111111111111111111111111111111111111		00.70		40000			
10 10 10 10 10 10 10 10	2639	011_UA23293513_0033	Equipment	Electrical		insulators	110 KV Insulation	U	PS /U	pcs	10000			
March Marc	2640	011 11422202512 0024	Equipment	Electrical	Equipment for 10-0.4 kV overhead	inculators	110 livi involution		DCD 70		F000			
10 10 10 10 10 10 10 10	2040	011_0A23293313_0034	Equipment	Electrical	power lines	ilisulators	110 KV INSUIACION	0	P3D 70	pcs	5000			
1982 1982	2641	011 UA23293513 0035	Fauipment	telemechanics		0	Boxing is assembly	0	BM-100 + P 700 × 1000 × 350 mm IP54 with mounting panel	pcs	2			
10 10 10 10 10 10 10 10													+	
1	2642	011_UA23293513_0036	Equipment	telemechanics		0	Digital measuring transducer	0	SATEC PM130EH PLUS-5-50HZ-H-ACDC-870-DIN-12DIOR-DRC	pcs	40			
Company Comp	2643	011 UA23293513 0037	Equipment	telemechanics		0	Interface converter	0	MOXA NPort 5210	pcs	2			
Programme	2644	011 UA23293513 0038		telemechanics		0	Interface converter	0	MOXA NPort 5232	pcs	1			
Management Section S	2645	011_UA23293513_0039		telemechanics		0	Radio modem	0	Conel CD-70-UE:	pcs	2			
Page	2646			talamachanias		0	Uninterruntible power runnly	0		nec	2			
200	2040	011_0A23293513_0040	Equipment	telemechanics		U	Offinterruptible power supply	0		pcs	2			
Page	2647	044 11422202542 0044	Fautament	talamashanias			DTI Itll				2			
200 10 10 10 10 10 10 10	2047	011_0A23293513_0041	Equipment	telemechanics		0	KTO Controller	0	onen DP SD -1 ncs	ser	2			
100 100	2642	044 11402000540 0040	Femile	talamer de color			Device words 42 V		Mean Well AD-55A With UPS 51.38 W, 13.8 V / 3.5 A, 13.4 /		-	-+	-+	$\overline{}$
Programme	∠ხ48	UTI_UAZ3Z93513_0042	⊨quipment	telemechanics		U	Power supply 12 V	Ü	0.23 A	pcs	2			
Process Proc	2649	011 UA23293513 0043	Equipment	telemechanics		0	Power supply 24 V	0		pcs	4		Т	
100 100					+					-		\longrightarrow	\longrightarrow	
Section Company Comp	2650	011_UA23293513_0044	Equipment	telemechanics		0	Terminals	0		pcs	320			
Company Comp	2051	044 11402000540 0045	Fault	Antonio de contra	+	6					067	-+	-+	
Second Column Second Colum				telemechanics		U	Terminals	U		pcs	960			
Description					-	0			Clamp on DIN rail 1222 ONKA					
Description		011_UA23293513_0047				0								
Page			Equipment			0								
Section Compared Section C			Equipment	telemechanics		0	Control cable	0	kVVGng 5 × 1	km	3			
Page 19th MACROSINS Regiment Edemonalment 0 Processing 0 Complete membratish by Part 1815 0 0 0 0 0 0 0 0 0														
2009 11			Equipment	telemechanics										
1985 1981						•	1 1 11 1		1 1					
Triggn	2659	011_UA23293513_0053	Equipment	telemechanics		0	The pipe is corrugated	0	Corrugation 32 mm with broach, bay 25 m, 91932 DKS	pcs	6			
Part LAPERS Decide Equipment September Sep	2660	011 UA23293513 0054	Equipment	telemechanics		0	The pipe is corrugated	0	Corrugation 16 mm with broach, bay 100 m, 91916 DKS	pcs	4			
Section Description Desc	0004					•							\rightarrow	
2023 111 LAZ250313 (2027) Egyptient Metericalarias 0 Meter						•	******						+	
1995 1991 MASSESSES 2008 Egypnett Melemechanics 0 Open concept 0 Open c								•				-	+	
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11						•		-					\rightarrow	
200 10 10 10 10 10 10 10													\rightarrow	
11	2667	011_UA23293513_0061	Equipment	telemechanics		0		0	FinMark LT032-SM-OPGW	km	12,4			
2077 011	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			
277 011	2669	011 UA23293513 0063		telemechanics		0	Optical coupling Crosver FOSC-PN	0	FOSC-PN crossover	pcs	6			
2072 011	2670					0		0	NBN-2-6		300			
2673 011 LA22239513, 0067 Equipment Electrical 0 Cipper connecting out 0 SOM-55-5 po 50	2671	011_UA23293513_0065	Equipment	Electrical		0	Tensioner bolts	0	NBN-3-6	pcs	600			
2673 011 LA2229513 0067 Equipment Electrical 0 Tensioner clarges 0 U.5386-1 pp. 90 0	2672	011_UA23293513_0066	Equipment	Electrical		0	Tensioner clamps	0	US-240-1	pcs	90			
11 12 12 13 14 15 15 15 15 15 15 15				Electrical		0	Tensioner clamps	0		pcs	90			
2676 11 14.02329515 0070 Equipment Electrical 0 Clippers connecting out 0 SOA5-18-3 ps; 50	2674	011_UA23293513_0068	Equipment	Electrical		0	Clippers connecting oval	0		pcs	90			
2677 011 UA32293513 0071 Equipment Electrical 0 Cipper connecting owl 0 SAS-189-3 pct 90			Equipment	Electrical		0	Clippers connecting oval	0		pcs				
2676 11 UA-3293513 0072 Equipment Electrical 0 Cimp connectors 0 Sci-30-1 pcs 60														
2679 011 14.2329513 0073 Equipment Electrical 0 Pubra are looped and presed 0 Phys. 2002 p. 2 30								•		-				
2880 011 UA2239513 0074 Equipment Electrical						•						\longrightarrow		
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2682 11 1 1 1 1 23239513 0076 Equipment Electrical						•		-				\longrightarrow	\longrightarrow	
PAS-18 Equipment Electrical O Pas-18 C D Pas-18 PC D PC PC PC PC PC PC												\longrightarrow	\longrightarrow	
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Description					+	•						\longrightarrow	\longrightarrow	\rightarrow
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2887 011 UA23293513 0081 Equipment Electrical 0 Clamps are hardware pressed 0 A2A-240-5 pcs 60					+							\longrightarrow	-+	
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2689 011 UA23293513 0084 Equipment Electrical												\longrightarrow	-+	-
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2691 011 UA23293513 0085 Equipment Electrical					+	•							+	+
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2694 011 UA23293513 0088 Equipment Electrical D. Crimping branch clamps D.					1			-				-+	-+	
2696 011 UA23293513 0089 Equipment Electrical D. Crimping branch clamps D. Crimping branch connectors are pressed						·						-+-+	-+	
2696 011 UA23293513 0090 Equipment Electrical 0 Crimping branch clamps 0 OA-240-1 pcs 30 DE-240-1 pcs 30 DE-240-1												-+	\rightarrow	-
2697 011 UA23293513 0091 Equipment Electrical 0 Cimping 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 D 2700 011 UA23293513 0094 Equipment Electrical 0 Clamping branch connectors are pressed 0 ROA-300-1 pcs 15 D 2701 041 UA230588716_0001 Equipment Computer equipment 0 Apple MacBook Pro MI Max Chip 16 "TIB Silver (MK1H3) pcs 1 2702 041 UA20588716_0002 Equipment Computer equipment 0 ASUS ZenBook 14X OLED UX5401EA-IZ103T (90NBOUGS- 27 2						•		-				-+	\rightarrow	-
2699 011 UA23293513 0093 Equipment Electrical 0 Clamping branch connectors are pressed 0 R0A-240-1 pcs 15 0 0 1 UA23293513 0094 Equipment Electrical 0 Clamping branch connectors are pressed 0 R0A-300-1 pcs 15 0 0 0 1 UA23293513 0094 Equipment Computer equipment 0 0 Laptop 0 Apple MacBook Pro M1 MA 270-18 (MICHAEL) pcs 15 0 0 1 UA200-18 (MICHAEL) pc												-+	\rightarrow	
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 "118 Silver (MK1H3) pcs 1 2702 0.01_UA20588716_0002 Foulpment Computer equipment 0 ASUS ZenBook 14X OLED UX5401EA-17/103T [00NBOUG5- 0.00] 27 7						·						-+-+	\rightarrow	-
270					+	•						-+	-+	
27/2 041 H20588745 0002 Entirment Computer equipment 0 Index					+							-+	-+	
	2/01	041_UA20588716_0001	Equipment	Computer equipment		U	Laptop	0		pcs	1			
M02670) P-3 /	2702	041 UA20588716 0002	Equipment	Computer equipment		0	Laptop	0		pcs	7		Т	\neg
		0, 1200001 10_0002	Equipment	Compater equipment		,	Laptop	•	M02670)	PCS				

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 2707	041_UA20588716_0006 041_UA20588716_0007	Equipment	Photographic equipment	0	Camera Lens	0	SONY Alpha a7C Body Black Tamron 28-75mm f / 2.8 VXD Di III G2	pcs pcs	1		-
2707	041_UA20588716_0007	Equipment Equipment	Photographic 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-S TRIPOD	pcs	1		
2710	041_UA20588716_0010	Equipment	Photo / video equipment	0	Video head for a tripod MFP	0	Manfrotto MVH500AH Fluid (MVH500AH) Brother DCP-1602R (DCP1602R1)	pcs	1		
2711 2712	041_UA20588716_0011 041_UA20588716_0012	Equipment Equipment	Computer 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 5 c6 m/k 93 °C; Foots what 0 felteronic focus; Display HD OLED screen, 800 × 600; Polarity White-heat / Diack heat; CCD: 19.5 (H) × 596 (M) pixels resolution; Viewing angle 10.8 * 8.3 *; Information storage; Bellottima themory; Storage; Matheat 10.00 photos or 8 hours of video; Protection dass 1967; Interface: Etheral power supply key. Video output PAL; USB Ves. Adjuutment interface Late 1/4 * 20-UNC; Detection distance: Man (1.7 × 6.3) in 4200 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,	pcs	2		
2722	041 UA20588716 0022	Equipment	Electrical	0	SF6 switch 330kV	0	40kA spring drive. FK3-1 SF6 switch of 330 kV type GL315 (Areva) 363 kV, 3200A, 40kA	pcs	2		
2723	041 UA20588716 0023	Equipment	Electrical	0	110 kV surge arresters	0	spring drive. FK3-4 110 kV surge arresters type PEXLIM R	pcs	3		
2724	041_UA20588716_0024	Equipment	filtering equipment	0	Filter element 04.RI 4215.SMX VTS 25 or	0	0	pcs	8		
2725	041 UA20588716 0025	Equipment	filtering equipment	0	FL33804 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 Nº15VR430840 RO400	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-S32 054217612 HU MICROPULSE (or new model BALLUFF BTL7-E501-M0500-P-S32)	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 B7025 / B7030 / B7035 (115R00115)	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 0.2S	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) Module measuring UMT 162 (Universal	0	Maximum acceptable (constant) volt-age range 10 V Input Impedance 15 Vmns Maximum operating frequency ranges 100 pcs, to 125 Hz Operating frequency range 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 Kom	pcs	10		

2745 041_UA20588716_0045 Equipment 0 0	
2746	ANALOG OUTPUTS Voltage range 0 to 10 V Maximum current 1 mA Resolution 8 bits Precision 1% pcs 10
Module measuring LIMT 162 (Universal	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 measurement treatment Aistom CS-C3) code Aistom CI001320 (module for measuring voltage and stator current)	INPUTS / OUTPUTS SAMPILE-EXT Nominal voltage 24 Vdc Detection range 16 Vdc Maximal current 100 mA pcs 10
2748 041_UA20588716_0048	Voltage Range Calibration: 20 to +30 volts (Factory calibrated) Update Revealution Absolute Accuracy America (Life for channels) linearity 5mV / 20µA, (LIBS = 5mV) ± 10mV / 40µA (typical) over operating temperature = 3mV / 150 µA (maximum) over operating temperature < 1 Least Significant Bit insolation Cross-Channel Rejection input 1500 volts between field side and logic side > 00 du > 9 Meghons (voltage mode) impedance 250 ohms (current mode) input filter Response 17hz internal Power Consumption 2 mA from + Svolts bus on the backplane 98 mA from the isolated +24 volts backplane bus
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 AM and Flash Memory 10 Mbytes User Memory (total) 32 Khits Discrete Input Points -% I and discrete Output Points -% Q configurable up to 32 Kwords% AI and% AQ: configurable up to 4 MBytes% W :: pcs 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 olst CPU module width 12 and 16 slot backplanes, universal slots Total Baseplates per System
2750 041_UA20588716_0050	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- 12.5 Angs nominal 45 VDC: 1.0 Amps nominal Operating Temperature 0 to 60 °C (32 °F to 140 °F) Floating point Boolean execution speed 0.3 Posms per 1000 bypical Boolean centracts / colis Time of Day Clock accuracy. Maximum drift of 2 seconds per day Elapsed Time Clock (internal timing) accuracy 0.03 fix maximum fiendeded communications 16-232, RS-485 Serial Protocols supported Modbus RVII Slaves, Mys. Perail I / O bulb abciplante bus support: RXII Slave 1, Mys. Perail I / O bulb abciplante bus support: RXII RVI Slave, SMys. Perail I / O bulb abciplante bus support: RXII RVI Slave, SMys. Perail I / O bulb abciplante bus support: RXII RVI Slave, SMys. Perail I / O bulb abciplante bus support: RXII RVI Slave, SMys. Perail I / O bulb abciplante bus to be electrically compliant with PCI 2.2 standard Program blocks: Up to 512 program blocks. Maximum size for a block is 12868. Memory 1 and 0.2 32kbits for discrete Al and ACc configurable up to 32Kwords W: configurable up to the maximum available user RAM Symbolic: configurable up to Mytyes
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2751 041_UA20588716_0051	
2751 041_UA20588716_0051 Equipment 0 0 Relay MiCom P121 (Alstom code 70089KM 2752 041_UA20588716_0052 Equipment 0 Relay MX3IPG2A 11 ARE	MB) A00A112BC V11-C 0.1-40lon 1 / 5A Vx 24-60 Vdc pcs 2
	MB) A00A112BC V11-C
2752	MB) A00A112BC V11-C
2752 041_UA20588716_0052 Equipment 0 0 Relay MX3IPG2A 11 ARE	MB) A00A112BC V11-C 0.1-40lon 1 / 5A Vz 24-60 Vdc pcs 2 MX3IPG2A 11 AREVA pcs 2 Electrical characteristics 24V power supply From 19V to 30V 24V internal consumption 350m A 24V sensor consumption 1A mail 24VF consumption 1A mail 4 value of the mail 24VF consumption 1A pcs 4 current consumption 1.2 Amps maximum, 800m A typical Operating temperature 0° C to 55° C Storage temperature - 25 c to + 70° C Humidity 95' to 95% (non condensing) Vibrations and Shocks: 0.2 linch displacements, 54Hz 10 10Hz (16, 10Hz to 2004: 5G, 10msec duration Ethernet processor speed 200 MHz LAN - Two 10BaseT / 100BaseT / 100BaseT / Ports: 8-pin female shielded RI-45 Connectors - Two, both are 10BaseT / 100BaseT / Storage - 10 to 10
2752 041_UA20588716_0052	MB) ADDA112BC V11-C 0.1-40Ion 1 / 5A Vz 24-60 Vdc pcs 2 Electrical characteristics 24V power supply From 19V to 30V 24V internal consumption 350m A 24V sensor consumption 1A mail 24V Fournaymighton 1A mail 24V consumption 1A Current consumption 1.2 Amps maximum, 800m A typical Operating temperature 0° C to 55° C Storage temperature - 25 c to + 70° C Humidity 95' to 95% (non condensing) Vibrations and Shocks: 0.2 linch displacements, 5Hz to 10Hz 16, 10Hz to 2004: 5G, 10msec duration Ethernet processor speed 200 MHz LAN - Two 10BasseT / 100BassT N Ports: 8-pin female shielded R-H-3 Connectors - Two, both are 10BassT / 100BassT X with auto-sensing R-H-35 connection. Embedded Ethernet Switch - Ves, Blowco disty chaining of Ethernet nodes Serial Port - Station Manager Port: 85-232 CEC, 200 - 115200 bps. Output Current Range 4 to 20 mA and to 20 mA Output Voltage Range 1 to 5 van of to 5 V Supply Voltage (nominal) +24 V/C, from isolated +24 V/D c no back-plane or user supplied voltage Source, and +5 V/D C from back-plane or user supplied voltage Source, and +5 V/D C from back-plane or user supplied voltage Source, and +5 V/D C from back-plane or user supplied voltage Source, and +5 V/D C from backplane External Supply Voltage Range 20 to 30 V/D C Maximum Compliance Voltage Range 20 to 30 V/D C Maximum Compliance
2752 041_UA20588716_0052 Equipment 0 0 Relay MX3IPG2A 11 ARE	MB) A00A112BC V11-C 0.1-40Ion 1 / 5A Vx 24-60 Vdc pcs 2 MX3IPG2A 11 AREVA Electrical characteristics 24V power supply From 19V to 30V 24V internal consumption 350m A 24V sensor consumption 1A mail 24V consumption 1A mail 24V and 24V

2759	041_UA20588716_0059	Equipment	0	0	Module TPA213 Thyristor Pulse Amplifier Module (pulse amplifier board)	0	Electrical characteristics 24V to 110V with Vp supply man- agement 24V internal consumption (150mA) Protection 2AT fuse on 24V suppli input	pcs	4		
2760	041_UA20588716_0060	Equipment	0	0	ICE9SPSD040F RX31 40W Power Supply 24VDC (power supply)	0	Nominal Rated Voltage 24 VIC Diput Voltage Range Start Run 18 to 30 VIC Output Power 12 to 30 VD. A0 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. Incush Current 4 Maps, 120 milliageconds maximum *	pcs	4		
2761	041_UA20588716_0061	Equipment	0	0	Red Lion Controls, Model G306A, Local Control	0	Supply Voltage: +24 VDC ± 20% Typical Power1: 8 W	pcs	2		
2762	041_UA20588716_0062	Equipment	0	0	Panel (human-machine interface) LGV300 HC2 (cooling compressor pressure sensor)	0	20-300Pa 1 (0.5) / 250 ~)	pcs	3		
2763	041_UA20588716_0063	Equipment	0	0	NEYRPIC T.SLG Unit Processing Controller module	0	0	pcs	1		
2764	041_UA20588716_0064	Equipment	0	0	Electrohydraulic NEYRPIC 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 IA5122 IAE2010 - FRKG ifm electronic	Ö	0	pcs	4		
2767	041_UA20588716_0067	Equipment	0	0	NEYRPIC 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 Linear TEMPOSONICS G-SERIES	0	0	pcs	2		
2769	041_UA20588716_0069	Equipment	0	0	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 8481190PJ02L05	0	8481190PJ02L05 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	Ō	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 MVAJ24 relay	0	MVAJ24 110-250V DC	pcs	1		
2780	041_UA20588716_0080	Equipment	For protection of generators and block transformers	0	MiCom MVAJ205 relay	0	MVAJ205 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 NVFP02620WCOMA, 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 m0,5 hort-fizeuit 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-88VP2 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 BBVP 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	T	
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 - SNDB 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		

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 (965:10208): 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	o	Intel® Core ™ I5-8350U, vPro® 16 GB, 2 x 8 GB, DDR4 1 TB, 7200 RPM 14 "FHD WVA (1920 x 1080) R5232 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-	0	0	pcs	4	
				0	3000 communication module		KENWOOD VHF NX-3220-E radio station (NEXEDGE) +	·		
2801	041_UA20588716_0101	Equipment	Communication system		KENWOOD VHF NX-3220-E (NEXEDGE)	0	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: G60U03HSHF8LH6DM8LP6CU6CW6C	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	AB8 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: L60J03HTHF8PH4dL8FN6US6KU6UW7I	pcs	2	
2809	041_UA20588716_0109	Equipment	Protection terminal	0	ABB RELG70	0	Order: 2243808-300	pcs	2	
2810	041_UA20588716_0110	Equipment	Protection terminal	0	Siemens 75A	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	0	Order: 143470100	pcs	2	
2818	041_UA20588716_0118	Equipment	Electrical	0	UT AVEC INTERFACE OPTIQUE Module SPCH CONVERTEAM VME CPU CARTE Pentium-M @ 1.6GHz, 1 GB DRAM, REF: VP 325 / 022-23U VME a 3 Rangees REF: VP 325 / 022-	0	Order: 144000690	pcs	2	
2819	041_UA20588716_0119	Equipment	Electrical	0	23T CONVERTEAM MODULE TIB PIB 504 module	0	Order: 143400504	pcs	2	
∠819	041_UMZU368/16_U119	Equipment	Electrical	U	CONVERTEAM MODULE TIB PIB 504 module	U	Order: 143400504	pcs	2	

2820	041_UA20588716_0120	Equipment	Electrical		0	TRACO POWER ALIMENTATION REGULEE AC / DC 85 / 264V 47/63 Hz 24V 3A REF module: TXL	0	Order: 121101308	pcs	2	
2821	041_UA20588716_0121	Equipment	Electrical		0	070-24S Module HRC TRACO POWER ALIMENTATION REGULEE AC / DC 85 / 264V 47/63 Hz 24V 1,1A REF: TXL 025-24S	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 CONTACTM 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	Telemecanique HRM module XMLR010G0T25	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)	Ō	Ō	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	pcs	30	
2837	041_UA20588716_0137	Equipment	Mechanical equipment		0	Compressor	0	"1920x.080 Windows 10 OEM 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 m J/ mit 8 bar Type: screw oil-filled Cooling: air Class protection: IPS5	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 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: 25001	pcs	4	
2842	041_UA20588716_0142	Equipment	Electrical		0	Current transformer	0	Voltage: 172 kV Transformation factor: 2000/5 Number of secondary windings: 6 (0.2S; 0.2S; 0.5; 3P; 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; 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; 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 (0.2S; 0.2S; 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 (0.2S; 0.2S; 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 VÁ 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 hydrogenerators 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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2052	041_UA20588716_0152	Fit	Management augtama		0		0	Panel Mount PS, 19 INCH Display, Windows 10 IoT Ent 2019		3	$\overline{}$	
2852 2853	041_UA20588716_0152	Equipment Equipment	Management systems Management systems		0	operator panel Operator station	0	LTSC x64. DROP250 DELL OptiPlex XE3 Dual Monitors Windows 10 LTSC +	pcs	3	-+	
						<u>-</u>		Dell Pro Stereo Soundbar AE515M - 2 PCS SYS BRAVO ALC 230VAC CE 220VDC EPC 01M 045 FIX STD			-+	
2854	041_UA20588716_0154	Equipment	Management systems		0	Power Supply	0	19600MM T2S 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	Equipment of cable names lines of 10	0	Hard drive	0	600GB 10K RPM SAS 12Gbps 512n 2.5inch HD drive (400- ASGS)	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	э	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	Ō	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-	cable	Cable	0	VVGng 4x70 cable	m	1000		
2871	041_UA20588716_0171	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable	Cable	0	VVGng cable 4x95	m	1000		
2872	041_UA20588716_0172	Equipment	Electrical	Equipment of cable power lines of 10-	cable	Cable	0	VVGng 4x120 cable	m	1000		
2873	041_UA20588716_0173	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable	Cable	0	VVGng 4x150 cable	m	1000	-	
2874	041_UA20588716_0174	Equipment	Flectrical	0,4 kV Equipment of cable power lines of 10-	cable	Cable	Ō	VVGng 4x240 cable	m	1000	-+	
2875	041_UA20588716_0175	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable	Cable	0	PVC wire 4x2.5	m	1000	-	
2876	041_UA20588716_0176	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable	Cable	0	PVC wire 4x4	m	1000	-+	
2877	041_UA20588716_0177	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable couplings	Clutch	0	Coupling connecting 10-20 kV 3PSt-10-20-25 / 50	pcs	10	-	
2878	041_UA20588716_0178	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable couplings	Clutch	0	Coupling connecting 10-20 kV 3PSt-10-20-70 / 120	pcs	30	-+	
2879	041_UA20588716_0179		Electrical	0,4 kV Equipment of cable power lines of 10-		Clutch	0	Coupling final 10-20kV 3PKNtp-10-20-25 / 50		10	-	
2880		Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable couplings		0		pcs			
	041_UA20588716_0180	Equipment		0,4 kV Equipment of cable power lines of 10-	cable couplings	Clutch		Coupling final 10-20kV 3PKNtp-10-20-70 / 120	pcs	30	-+	
2881	041_UA20588716_0181	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable couplings	Clutch	0	Coupling connecting 1 kV 4Stp 25-50	pcs	60		
2882	041_UA20588716_0182	Equipment	Electrical	0,4 kV Equipment of cable power lines of 10-	cable couplings	Clutch	0	Coupling connecting 1 kV 4Stp 70-120	pcs	60		
2883	041_UA20588716_0183	Equipment	Electrical	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 700-90D 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		

		1				Fluke TiX580 thermal imager, with a frequency				1	_	
2947	041_UA20588716_0247	Equipment	Thermal chambers		0	of 60 Hz	0	Frequency 60Hz.	pcs	1		
2948	041 UA20588716 0248	Equipment	Devices for determining the		0	Dilo 3-038R SF6 multianalyzer	0	With the reverse system	pcs	1		
00.40	044 11400500740 0040	Footonie	quality of SF6				0	Test current up to 200A. Accuracy 0.5%. from 0.1 µO to		1		
2949	041_UA20588716_0249	Equipment	Gauge		0	Micrometer	0	400mO UNITROL-P (FDD) series Type: SPT-O / U211-D2000 / In =	pcs	1		
2950	041_UA20588716_0250	Equipment	Excitation system		0	Automatic field extinguishing switch for terrorist excitation system	0	2000A; Ue = 1000V ICW = 50kA x 1S № according to the	pcs	2		
2951	041_UA20588716_0251	Equipment	Measuring instruments		0	Voltage transformer	0	specification ABS 3VNV0028728A351 Voltage class 10 kV Maximum operating voltage 12 kV Rated voltage of the primary winding, V 1000 /V3; Rated voltage of the main secondary winding, V 1000 /V3; Rated voltage of the main secondary winding, V 1000 /V3; Rated power, Vici in accuracy class 05 - 75 in accuracy class 1 - 150 in accuracy class 3 - 300 Nominal power of additional secondary winding in accuracy class 3, VA - 300 Naminum power not in power	pcs	15		
2952	041 UA20588716 0252	Equipment	Repair of electric motors		0	Bearing	6313	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		6		
					-	=			pcs			
2953	041_UA20588716_0253	Equipment	Repair of electric motors Check of relay protection		0	Bearing	6319	0	pcs	6		
2954	041_UA20588716_0254	Equipment	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 S1 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	0	0	pcs	20		
						phones						
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 1xPt100 B4	0	0	pcs	30		
2969	002_UA23359034_0162	Energy resources	liquid		0	25 mm 4p-L4TS 200mm 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	Ō	0	kg	1000		
2972 2973	004_UA00131268_0205 004_UA00131268_0206	Energy resources	liquid		0	Diesel fuel A92 petrol	0	0	t t	50,7		
2973	004_UA00131268_0207	Energy resources Energy resources	liquid liquid		0	A92 petrol 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	1000		
2979 2980	029_UA41946011_0105 030_UA23243188_0347	Energy resources Energy resources	Gaseous liquid	,	0	Propane-butane Diesel fuel	0	0	kg 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 2984	006_UA00131713_0147 006_UA00131713_0148	Energy resources	liquid		0	Diesel fuel A95 petrol	0	0	t	30 5		\longrightarrow
2984	006_UA00131713_0148	Energy resources Energy resources	liquid Gaseous	?	U	Propane-butane	0	0	kg	1000		$\overline{}$
2986	011 UA23293513 0095	Energy resources	liquid	•	0	A92 petrol	0	0	ı	10000		
2987	011_UA23293513_0096	Energy resources	liquid		0	Diesel fuel	0	0	I	4000		
2988	041_UA20588716_0269 041_UA20588716_0270	Energy resources	liquid liquid		0	A95 A92	0	0	liters	2000 3000		
2989	041_UA20588716_0270 041_UA20588716_0271	Energy resources Energy resources	liquid		0	A92 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	l	
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 2995	029_UA41946011_0107 029_UA41946011_0108	Equipment Equipment	Electrical Electrical	Civil protection equipment Civil protection equipment	Backup power plants Backup power plants	Diesel generator on wheels Diesel generator with cables for connection	500 kW (with 50 m-long wires for connection) 500 kVA	0	pcs pcs	3		
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	-	\longrightarrow
3000 3001	006_UA00131713_0151 090_UA42053484_0001	Equipment Equipment	Electrical Electrical	Civil protection equipment Civil protection equipment	Backup power plants Backup power plants	Diesel generator on wheels 1-Phase Diesel Generator 6kW	500 kW (with 50 m-long wires for connection)	0	pcs	10	-	- - -
3002	090_UA42053484_0001	Equipment	Electrical	Civil protection equipment 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 3006	004_UA00131268_0211 004_UA00131268_0212	Equipment	Electrical Electrical	Civil protection equipment	Backup power plants Backup power plants	Diesel generator with connection cables	Power 50 kVA Power 500 kVA	0	pcs	7		\longrightarrow
3006	004_UA00131268_0212 004_UA00131268_0213	Equipment Equipment	Electrical	Civil protection equipment Civil protection equipment	Backup power plants Backup power plants	Diesel generator with connection cables Diesel generator with connection cables	Power 500 kVA Power 1000 kVA	0	pcs	5		$\overline{}$
0007		Equipmont	Liourioui	2 protoblion oquipmont	Daonap porror plants		C#0000 ##00#00000	•	P			

		ı					Generator power 500 kW Power factor 0.8 Voltage: 0.4 kV			
3008	041_UA20588716_0272	Equipment	Electrical	Civil protection equipment	Backup power plants	Diesel generator	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 -№	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			Etamzilate	0	2.0 amp.№10	yn. 1	
3015	041_UA20588716_0279	Humanitarian needs	Medical care			Dicinin	0	250mg. 2.0 №10	уп. 2	
3016	041_UA20588716_0280	Humanitarian needs	Medical care			Sodium chloride	0	0.9% 200.00	fl. 10	
3017	041_UA20588716_0281 041_UA20588716_0282	Humanitarian needs	Medical care			Glucose	0	200.00 5% 200.00	fl. 5	1
3018 3019	041_UA20588716_0282	Humanitarian needs Humanitarian needs	Medical care Medical care	+		Mr. Ringer 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 3028	041_UA20588716_0291 041_UA20588716_0292	Humanitarian needs Humanitarian needs	Medical care Medical care			Decasan Betadine	0	200.00 10 / 100.00	fl. 2	
3029	041_UA20588716_0292	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	\square
3035	041_UA20588716_0299	Humanitarian needs	Medical care			Dexalgin	0	2.0 №10	yn. 1	\longrightarrow
3036	041_UA20588716_0300	Humanitarian needs	Medical care	+		Adrenaline hydrochloride Nalhuphine	0	0.1% 1.0 №10 1.0 №10	yn. 1	+
3037	041_UA20588716_0301	Humanitarian needs	Medical care	+		Nalbuphine Portable large military first aid kit Large Military	·		7	
3038	041_UA20588716_0302	Humanitarian needs	Medical care			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	уп. 50	
3041	041_UA20588716_0305	Humanitarian needs	Medical care			Harness	0	medical	pcs 50	
3042 3043	041_UA20588716_0306	Humanitarian needs	Medical care			Syringe	0	2 ml	pcs 500 pcs 300	+
3043	041_UA20588716_0307 041_UA20588716_0308	Humanitarian needs Humanitarian needs	Medical care			Syringe	0	5 ml 10 ml		
3044	041_UA20588716_0308 041_UA20588716_0309	Humanitarian needs Humanitarian needs	Medical care Medical care	+		Syringe Syringe	0	10 mi	pcs 200 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	уп. 4	
3051	041_UA20588716_0315	Humanitarian needs	Medical care			Diphenhydramine	0	1% 1 ml № 10	уп. 4	
3052	041_UA20588716_0316	Humanitarian needs	Medical care			Analgin	0	2 ml № 10	уп. 4	
3053 3054	041_UA20588716_0317	Humanitarian needs Humanitarian needs	Medical care Medical care	+		Papaverine Dressing bags	0	2 ml № 10 sterile	yn. 4 pcs 200	+
3055	041_UA20588716_0318 041_UA20588716_0319	Humanitarian needs	Medical care	+		Carvalment	0	Nº 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			Cetrine	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	уп. 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 3064	041_UA20588716_0327 041_UA20588716_0328	Humanitarian needs Humanitarian needs	Medical care Medical care	+		Sedalgin Citron	0	№20 № 6	yn. 5 yn. 40	
3065	041_UA20588716_0329	Humanitarian needs	Medical care			Furacillin	0	Nº 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	уп. 4	
3068	041_UA20588716_0332	Humanitarian needs	Medical care			Sulfacyl sodium	0	20% 10 ml	уп. 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 3073	041_UA20588716_0336 041_UA20588716_0337	Humanitarian needs Humanitarian needs	Medical care Medical care			Azithromycin Sorcef	0	500 mg № 3 capsules 400 mg № 10	yn. 10 yn. 5	+
3073	041_UA20588716_0337 041_UA20588716_0338	Humanitarian needs Humanitarian needs	Medical care			Ampicillin powder for the district d / in.	0	400 mg № 10 1 g №1	yn. 5 fl. 10	
3075	041 UA20588716 0339	Humanitarian needs	Medical care			lodine 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	уп. 4	
3079	041_UA20588716_0343	Humanitarian needs	Medical care			Cordiamine	0	solution d / in. 250 mg / ml 2 ml №10	уп. 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 3082	041_UA20588716_0345 041_UA20588716_0346	Humanitarian needs Humanitarian needs	Medical care Medical care			Piracetam Adrenalin	0	solution d / in. 200 mg / ml 5 ml №10 solution d / in. 1.8 mg / ml per 1 ml №10	yn. 4 yn. 2	+
3083	041_UA20588716_0346	Humanitarian needs	Medical care			Prednisolone	0	solution d / in. 1.8 mg / mi per 1 mi №10 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. 2 yn. 3	
3085	041 UA20588716 0349	Humanitarian needs	Medical care			Anaprilin	0	10 mg N250	yn. 3	
3086	041_UA20588716_0350	Humanitarian needs	Medical care			Anaprilin	0	40 mg №50	уп. 3	
3087	041_UA20588716_0351	Humanitarian needs	Medical care			Corvaldin	0	25 ml	fl. 40	
3088	041_UA20588716_0352	Humanitarian needs	Medical care		·	Teraflu	0	Nº 10	yn. 10	
3089	041_UA20588716_0353	Humanitarian needs	Medical care			Festal neo	0	10,000 № 20	yn. 5	

3090	041_UA20588716_0354	Humanitarian needs	Medical care	I	Amiksin	0	Ne 3	уп.	10	
							Daily diet: breakfast, lunch, dinner. The set includes porridge,			
3091	041_UA20588716_0355	Humanitarian needs	Food		dry rations	0	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 individua			pcs	100	
3093	041_UA20588716_0357	Humanitarian needs	Medical care	First aid kits	Medicines, dressings, small medical equi		0	0	0	
3094	041_UA20588716_0358	Humanitarian needs	Medical care	Medicines	Sterile bandages 5 * 10	0	0	pcs	300	
3095	041_UA20588716_0359 041_UA20588716_0360	Humanitarian needs	Medical care	Medicines	Sterile dressing package with one pills	w 0	0	pcs	200	
3096 3097	041_UA20588716_0360 041_UA20588716_0361	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines Medicines	Cotton wool 100 gr. Medical tourniquet is stopped	0	0	yn. 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 3103	041_UA20588716_0366 041_UA20588716_0367	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines Medicines	Hydrogen peroxide 3% 100 ml. Chlorhexidine 100 ml.	0	0	fl.	50 50	
3103	041_UA20588716_0368	Humanitarian needs	Medical care	Medicines	Analgin amp. 2 ml.	0	0	уп.	2	
3105	041 UA20588716 0369	Humanitarian needs	Medical care	Medicines	Corvalment № 30	0	0	уп.	3	
3106	041_UA20588716_0370	Humanitarian needs	Medical care	Medicines	Corvaltab № 20	0	0	уп.	2	
3107	041_UA20588716_0371	Humanitarian needs	Medical care	Medicines	Valerian forte 40 mg. № 50	0	0	уп.	2	
3108 3109	041_UA20588716_0372 041_UA20588716_0373	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines Medicines	Sedafiton forte capsules № 48 Loratodine 10 mg. № 100	0	0	yn.	4	
3110	041_UA20588716_0373	Humanitarian needs Humanitarian needs	Medical care	Medicines Medicines	Loratodine 10 mg. № 100 Citramon forte № 10	0	0	yn. yn.	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 j	r № 0	0	jar	3	
3115	041_UA20588716_0379	Humanitarian needs	Medical care	Medicines	Nimesil powder № 30	0	0	уп.	2	
3116	041_UA20588716_0380	Humanitarian needs	Medical care	Medicines	Magnesium sulfate 25% 58 ml. № 1		0	уп.	2	
3117	041_UA20588716_0381	Humanitarian needs	Medical care	Medicines	Ointment Anthony	0	0	fl.	3	
3118 3119	041_UA20588716_0382 041_UA20588716_0383	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines Medicines	lodine solution for external use Acetylsalicylic acid 0.5 g № 10	0	0	fl. yn.	30 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	уп.	5	
3123	041_UA20588716_0387	Humanitarian needs	Medical care	Medicines	Gripgo tablets № 200 (4 * 50)	0	0	уп.	2	
3124	041_UA20588716_0388	Humanitarian needs	Medical care	Medicines	Pantestin tube 30 g. Napkin gel antimicrobic "OpekUn" agains:			уп.	-	
3125	041_UA20588716_0389	Humanitarian needs	Medical care	Medicines	and wounds (10x10 cm) - 3 pieces	Ü	0	уп.	10	
3126 3127	041_UA20588716_0390 041_UA20588716_0391	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines Medicines	Lerkamen 20 Valsacor 320	0	0	yn. yn.	10	
3128	043_UA03338649_0001	Equipment	Cars		Toyota Hilux 4 * 4 pickup or similar		2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine Code: 260-FTV Type: turbocharged diesel engine L4/ 15-valve DOHC Fuel type: diesel fuel with Letane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92.0 x 900, Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 1:01 (150) / 3 400 Maximum torque (N· m at rpm): -400/1,600 - 2000 Enrironmental standard: EUR0 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front as de and connecting a reduced gear Dynamic indicators Maximum speed (lm /h): 170 Acceleration - 100 km /h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher	from	18	
3129	043_UA03338649_0002	Equipment	Cars		Volkswagen T6.1 Box PR0 L1H1 EU6 4M0 or similar	NOIT	ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cyline Genesia 6 regine type: diseal engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 is to 100 km / h Mixed cylice; 7.1 I/ 100 km fuel tark: 701 Fuel: Diseal Eco-standard compliance: Euro-5 PFC Name: 5-MKP Type: Mchanical Drive: Front Quantity gears: 5 BEASK Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	23	
3130	043_UA03338649_0003	Equipment			Autonomous welding unit DGW 310 MS / post	RS - 1-	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_UA03338649_0004	Equipment			Welding machines for thermistor welding polyethylene pipes like Kamitech inclu		13. [-] -1.0 +40 (at relative numinary - 14. [-] -1.0 +40 (at r	from	5	

					Welding machine parameters Supply voltage [V] 230			
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	Operating temperature range (* C.) - 10 - 40 (at relative humidity < 75%) Storage temperature range (* Cl - 20 + 50 Supported 50 M 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33, 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mml 300x50506 SP sessue control proportional valve Pressure control range (bar) 0-90 Operating position vertical System power (*) \$100 Automatic power supply parameters Parameters / Machine type Km1400	from	5	
3133	043_UA03338649_0006	Equipment	Inverter type welding machines 200A		Rated voltage of the power supply network, 2 220/230 Rated current consumed from the network, A 25 Nominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TIM) 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			from	11	
3135	043_UA03338649_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 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		Danier 2200 M Dire diameter 220 con Marianos con d	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	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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, Jr 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, I / 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, I / 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, I / 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, I / 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, I 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, I / 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, I / 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 DuS to DuSfohm, with a maximum working pressure of 12 kgf / cm2 and the possibility of siying 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 to \$0.51.50) - 1 pcs 2. Drilling machine (art. 230) is used with Stop system SS3 / SS3 12 bar (required for work for diameters to \$0.51.50) - 1 pcs 2. SS3 12 bar (required for work for diameters of \$0.50.50) - 1 pcs 3. slotler of the internal cap art. 175 for art. 530 (necessity) encessary for carrying out works for diameters of \$0.50.50 - 1 pcs 3. brigger of the internal cap art. 175 for art. 530 (necessity) encessary for carrying out works for diameters of \$0.50.50 - 50 (mm - internal diameter of a pipe) - 2 pcs S. Weiwing device for Stop system S. 12 bar - 1 pcs S. 1 bar - 1 pcs S. 1 bar - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 20 bar - 1 pcs S. 1 pcs - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 3 bar S. 20 bar - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 3 bar S. 20 bar - 1 pcs S. 1 pcs - 2 pcs S. Drop system S. 3 bar S. 20 bar - 1 pcs S. 1 pcs S. 20 bar		from	5	
3149	043_UA03338649_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Solmen KS 3000 - 1 pcs Cover for storage of installation - 1 pc Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - Nadraf 1.0010 mm, 330 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., £40 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 50 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/H4. 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 - 600MSOx6000 (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 1.2 h Engine and device characteristics Engine model GeNEMAC 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 51234168511985 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane & Jip C Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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, Li-lon battery 2100 mA / h , clip bet	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 * SMP 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; * Mariar polyamide, polyester, steel with a protective coating; * Standard: DSTU 8-18-2017, DSTU EN 383-2017, DSTU EN 3813-2017, * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	91	
3162	043_UA03338649_0035	Equipment				The rescue halyard		Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	91	
					1		l	protection system * Length, m - 12			

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 IDISO, rated voltage: 6 volts or 4 secondary NiMH* cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging interport. 6 hours before full charge Charging voltage: 11 14 volts D.C Charging current max. 500m A (lave) Operating times - 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. * %), ELL Pha / mbar) acoustic: concentration-dependent sound signal-sensitive to vitration depending no concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value 1,000 - 1,000 ppm ± 20% of the final value 1,000 - 1,000 ppm ± 20% of the final value 0,000 - 1,000 ppm ± 20% of	rom	46	
3164	043_UA03338649_0037	Equipment	GOLIATH gas analyzer or similar	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	rom	114	
3165	043_UA03338649_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	rom	228	
3166	043_UA03338649_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	rom	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 literaference immunity Realins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog arphit 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 "pustation") liveric measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the variable component of the flowing current and "picential". 1. Operating frequency (if work.), Hz 100, 150, 100, 1500 to 20. 2. Bandwidth at the level of 10, 70m of slave = 25 st. Attenuation of signals with a frequency of 50 that it work, dis 100, 150 hz not test shat 130 at 1700, dis 100, 5000 the one is shan 135 at 5 centified in the purpose of the control of the structure of	rom	23	
3168	043_UA03338649_0041	Equipment	Laser ELLI leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (buch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDL4S) Operating times 8 hours per charge (6 hours) Power supply IthImium-on 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 m 20 parts per million at a distance of 10 m 20 parts per million at 3 distance of 10 m 20 parts per million at 3 distance of 10 m 20 parts per million at 8 distance of 10 m 20 parts per million at 8 distance of 10 m 20 m 0 perating temperature - 17 to 50°C Humidity from 5 to 90 KR H whoth treezing Profection class IPS4 USB connection, headphones, DC connector Accessories Headphones, belt, bg., dranger Accessories Setting device	rom	11	
3169	043_UA03338649_0042	Equipment	Heat gun S kW	"Service area, kV. m - 50, " Power, W - 5000," installation - Floor, " Type of coolant - electric," Type of heating element - ceramic," Purpose - Industria," Management - mechanical; " Type of heating - Fan," Number of heating modes - 2; " Warranty - 36 momths of inficial warranty from the manufacturer " Protection functions - Protection against overheating " Features - The handle for movement " Voltage, In - 220 I move " Voltage, In - 220	rom	11	
3170	043_UA03338649_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	diameter - 250 mm * Warranty - 24 months	rom	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 fbar.	rom	27	

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: 26D-FIV Type: turbocharged diesel engine 14 / 16-valve DOHZ fuel type: diese fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (ms): 9.20 x 9.00 compression ratio: 15.6: 1 Maximum power (kW flpp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at 7m): 4.400 floor 2.000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front ade and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (5): 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 I (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 Mwed cylee: 7.1 I/100 km Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BEASK Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	13	
3174	044_UA03339459_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	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 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 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 scane "Supply voltage [V] 230 Operating temperature range [°C-1-3-0 40] at treative humidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 6-48 (D.5 V adjustable) Operating voltage range [V] 6-48 (D.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] (9.35) 96.15.	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	supply parameters Parameters / Machine type KmT400	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 Upration of loading (TIM) 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)	from	6	
3179	044_UA03339459_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 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 (idling): 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 / s³ (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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	

3186	044_UA03339459_0015	Equipment				Light jackhammer, CHV08 Stanley, included		Handle type D-shaped Oil flow, I / 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, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 550x280 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3	
3190	044_UA03339459_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 RAVETII (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSto DustSform, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bipass 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 ps2 . Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 . S 1 holder of the internal cap art. 137 for art. 330 (necessity) necessary for carrying out works for diameters of Du 50-150 - 1 ps3 . Holder of the internal cap art. 137 for art. 330 (necessity) necessary for carrying out works for diameters of Du 50-150 90mm - internal diameter of a pipe) - 2 pcs S Viewing device for Stop system SS 10 bar - 1 pcs S Viewing device for Stop system SS 10 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system SS 12 bar - 1 pcs S Viewing device for Stop system S Viewing device for Stop	For works (flow stop) on pipelines with a diameter of Du 50	from	3	
3193	044_UA03339459_0022	Equipment	Electrical	Civil protection equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Wadraf Lind Jim , 350 mm long - 3 pcs Spare air fifter - 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, £40 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 50 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: 16 5/44. 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 the generator - 60x050x60x00 (1) m.m. Total weight with generator - 10x050x6x6x00 (1) m.m. Total	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 Hz Righe 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 coloning laudic ocoling Engine manufacturer Generac Nominal power 240 kW Dimensions 51224164531958 mW Aurranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane b g IVG Weight 35 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 - horr 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	
								24,27,30,32			

Equipment	Set of hexagonal heads, 6-36 mm	Hexagonal end heads 1/2": 6(-8, 10, 11, 12, 13, 14, 15, 16, 18; 19; 02, 12, 12, 22, 32, 42, 7), 03, 20 mm, ratcht handle. 1/2 "mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; plastic suitcase 1/2" plastic suitcase 1/2"; plastic suitcase
Equipment	Rail jacks	load capacity 5 t from 5
Equipment	Hydraulic jacks 5 t.	load capacity 5 t from 5
Equipment	Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 501 Compressor type - Piston Conveyor wheels
Equipment	Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm. from 13
Equipment	325 mm to 720 mm 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-lon battery 2100 mA / h , clip belt
Equipment	Hose gas masks (hose length 10 m)	Complete set.* 10m hose - 1pcs.* Rubber corrugated tube - 2pcs.* Bett- 1pcs.* Shoulder strap - 1pcs.* Signal rope 10m - from 10m - 1
Equipment	The lights are explosion-proof	Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP66; * Housing - polymer; * Zone of use - from ZONE 2; * Battery type - built-in battery; * Type - manual.
Equipment	Life jackets	* Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: OSTUE N 361-2017, OSTUE N 382-2017, OSTUE N 38-2017, OSTUE N 38-2017, OSTUE N 38-2017, OSTUE N 38-30-3017, OSTUE N 50-3017, OSTU
Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall from 50 protection system * Length, m - 12
Equipment	VibraGas or similar gas detector	Dimensions: 149-165 x 8s 3 4 mm (without "swan neck") + Swan neck 162 mm Weight approx. 400 g Display, backlit LCD graphic display with 128 x 66 pibles + symbols Power supply. 4 primary alkaline / manganese cells in the battery holder type Duracell industrial IDSO, Otated voltage, 5 volts or 4 secondary NiMH cells in the battery holder type Duracell approxer. 300 mAI Charging item capprox. 6 hours before full charge Charging voltage: 11. 14 volts DC Charging current max. 500m Al (type) Operating times 15 hours (without backlighth, warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: 20° C to + 50° C Display: - visus: digital concentration-dependent sound signal - sensitive to vibration depending no concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm = 20% of the final value 1,000 - 1,000 ppm = 20% of the final value (Doo 1 100 cs.)
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. 3 hours USB port (specified at 500 mA), Charging time approx. 3 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x 87 mw Veight approx. 1250 g Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 26 Ex Ib d IB T3 / T4 Gb
Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon from 125
Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months from 6
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 "justations") 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, 500 20. To from Siave 15 % 3. Attenuation of signals with a frequency of 50 Hz at f work, dis 100, 150 Hz not less than 110 at 1 rook, dis 1000, 5000 Hz not less than 185 d. Sensitivity to the input of the receiver relative to the signal / noise 66B, yil 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 0.1. 20 m, at 1 - 1020 Hz, not more than% 2.2 7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 120 9, continuous operation time, hours, not less than 10
Equipment Equipment		Carbon dioxide fire extinguishers (OU-5 type) Metal detector

3212	044_UA03339459_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 s.8 hours per charge (6 hours) Power supply Lethium-ion battery Ream size 2.5 ** 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 satistive 10 parts per million at a distance of 0 ** 30 m Operating temperature : 17 to 50°C Humidity from 5 to 90% RH without freezing Protection dass 1954 USG ** 1854 US	from	6	
3213	044_UA03339459_0042	Equipment	Heat gun 5 kW		* Senice area, kV. m. 50; * Power, W. 5000; * Installation- Floor; * Type of coolant - electric; * Type of heating element- ceramic; * Purpose - Industria; * Management - mechanicat; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - Sh 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 4x8 Business Engine Engine code: 260-FtV Type: turbocharged diesel engine 4.7 16-valve DOHC Fuel type: diese lefuel with cetame number of 480 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20. x 9.00 compression ratio: 15.6.1 Maximum power (kW (hp) at xpm): 110 (150) / 3 400 Maximum torque (N· m at 7mm): 3-00 foot 2-000 Environmental standard: EUBO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front ale and connecting a reduced gear Dynamic indicators Maximum speed (km / hj. 170 Acceleration 0.100 km / h (s): 133 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: 2.01 (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 to 100 km / h Mued cylee: 7.1 l 1/00 km Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity geans: 5 BREAKS Front: Ventilated dios Ren: WHEEE disciss Ducks: Steel Discrete: 16*	from	ж	
3218	076_UA05524660_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	
3219	076_UA05524660_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63 / 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 3, 4.7 mm Printing Forthronic-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 the generature range [**C] -10 40 [4] tertaletve humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 54 Max. operating current [A] <30 Operating voltage range [V] 6-48 (I).5 V adjustable) Operating time range [S] 0-4999 (I 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] (9.35, 96, 12).	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	supply parameters Parameters / Machine type KmT400	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 20 Maximum operating current, A 20 Juvation of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 5-200 Diameter of an artificial electrode, mm 1,6-5 Case	from	3	

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	from	4	
3227	076_UA05524660_0012	Equipment	2.2 kW perforators		(iding): 6600 rpm 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 Wibration 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 \emptyset 1 \ 2 " L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of install	from	1	
3233	076_UA05524660_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 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 Oli flow, I / 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, I / 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 DuS to bud50mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization.	Summ - internal planeter of a pipe) - 2 pcs 5 viewing device tor Stop system 551 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 postans SC311 bar 1 are - 9. Stop viewing - 3 model SC3 11 bar 1 are - 9. Stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 3 model SC3 11 bar 1 are - 10 stop view - 10	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	

						Power supply - 220V, frequency 50Hz. from the petrol			
3237	076_UA05524660_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Nadrat 10:010 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs	generator with power - the maximum / working 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 600W, £40 cartridge. Luminous flux - 96.000 Lm. The fan has a power of 1200 W, in the mode of blowing. On the fan has a power of 1200 W, in the mode of blowing consideration of the control of the lamp - up to 8.0 sec., Time of full incandescence of the lamp - up to 8.0 mituses. Wind residence (with extensions) - up to 20 m / sec. Climatic design - class U. In gress protection: 196.3/4. Class of protection of 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 insepseible material, the height of the cylinder is strange - 6 months. Warranty period of operation of its strange - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 60x050x60x600 (t) m.m. Total weight with generator - 0x0x50x60x600 (t) m.m. Total	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 Hz Engine and device characteristics Engine model GENERAC Gas consumption 82.8 m3. Start hype electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling Equid cooling Engine manufacturer Generac Kooninal power 26 MW. Dimensions 5128246543195 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / Dustane kg UFG Weight 35 power 275 kW Threephase voltage (380 V) Features hour meter emergency stop system Noise level 66 dd 8	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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
3245	076 UA05524660 0030	Equipment		Centralizers for steel pipes with a diameter fro	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	3	
3246	076_UA05524660_0031	Equipment		325 mm to 720 mm 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 * SMP 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; * Materiai: polyamide, polyester, steel with a protective coating; *Standard: DSIUE N 361-2017; DSTUE N S36-2017; DSTUE N S13: 2017; *Static breaking load - not less than 15 kN; * Dimensions (wasts circumference) - 5 (Fd0mm - 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	from	10	
3251	076_UA05524660_0036	Equipment		VibraGas or similar gas detector		protection system *Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 126 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 secondary NiMHo manganese cells in the battery holder, secondary NiMHo ells in the battery holder, set works; excendary NiMHo ells in the battery holder, aread voltage: 4.8 volts, rated power: 2700 mAn Charging time: approx. 6 hours before full charge charging voltage: 11 14 volts DC Charging current: max. 500mA (fuse) Operating time: 23 hours (without backlight), varving 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, vol8,% ELE, hPl - mbar) acoustic concentration dependent sound sight operation. Semiconductor sensor (SC) Messurement according operation: Semiconductor sensor (SC) Messurement according or 0-1,000 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 100 ppm ± 200 ppm ± 200 of the final value Reaction time: 90 s 10 s ex 100 ppm ± 200 ppm ± 200 of the final value Reaction time: 90 s 10 s ex 100 ppm ± 200	from	5	

3252	076_UA05524660_0037	Equipment	GOLIATH gas analyzer or similar	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. L250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex ib d IIB T3 / T4 Gb	om	13	
3253	076_UA05524660_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	om	25	
3254	076_UA05524660_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	om	1	
3255	076_UA05524660_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected literaference immunity Realins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog arphit scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic antennas. Nemerous values for the great mod and electric 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 values of the depth of the "occurrence" of communications and the relative magnitude of the values of the depth of the "occurrence" of communications and the relative magnitude of the values of the depth of possible values of the signal A. Attenuation of signals with a frequency of 50 Hz at 1 work, dis 100, 150 Hz not less than 10 at 170, dis 100, 500 Mz Attenuation of signals with a frequency of 50 Hz at 1 work, dis 100, 150 Hz not less than 110 at 170, dis 10.05, 500 Mz not less than 120 at 100, dis 100, 500 Mz not less than 120 at 100, dis 100, 500 Mz not sets than 120 at 100, dis 100, 500 Mz not magnetic field, mid / m not worse than 0.2 s. Deviation of the determined value of the depth of 0.1 In my at 1-1002Hz, not more than % 127. Number of measurement values registered, 3 000 8. Current consumption (severage), mat 209 - continuous operation time, hours, not less than 10	om	3	
3256	076_UA05524660_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 taser absorption spectrometer (TD4.5) Operating time s.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 for Measurement range 0~ 50,000 parts per million Beathisty 10 parts per million at a distance of 0~ 10 m 20 parts per million at a distance of 10~ 30 m depending other per million at a distance of 10~ 30 m depending temperature 17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS-0 USS comection, headplones, DC connector. Accessories Headphones, belt, bag, charger Accessories Setting device	om	1	
3257	076_UA05524660_0042	Equipment	Heat gun S kW	*Service area, kV. m - 50; * Power, W - 5000. * Installation-Floor; * Type of odolart - electric; * Type of heating element-ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 momths of Micial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220.	om	1	
3258	076_UA05524660_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 findmeter - 250 mm * Warranty - 24 months	om	1	,
3259	076_UA05524660_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 b	om	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: 2GD-FFV Type: turbocharged diesel engine L4 / 15-valve DOHC Fuel type: diesel felu with caten anumber 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): 10 (150) / 3 400 Maximum torque (N mat rpm): 4 500 feb. 200 fe	om	16	

1-00 1-00									
Page Mark	3261	045_UA20262860_0002	Equipment			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 / 100 km fuel tank: 70 l Fuel: Diesel Eco-standard compliance: Euro-S PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front:	from	20	
Page	3262	045_UA20262860_0003	Equipment			30.4 / 31.2 V Operating cycle 100% Current control range 35- 280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency	from	10	
256 646, 547,2552,000 Engineer Engin	3263	045_UA20262860_0004	Equipment		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	Welding diameter range " Imml up to 250 mm Barcode scanner Supply voltage [V] 230 operating temperature range [¹ C] - 10 +40 (at relative humidity <75%) Output power [V] 5500 Required unit power [W] 3000 Housing density class IP 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (IG.5 V adjustable) Operating time range [s] 0-499 [V] 6-48 (IG.5 V adjustable) Operating time range [s] 0-499 [V] 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]	from	4	
April Companies Companie	3264	045_UA20262860_0005	Equipment		plate, plans a planer, fastens slides, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set	Operating temperature range [* C] - 10 * 40 (at relative humidity-C75%) Storage temperature range [* C] - 20* 50 Supported SDR 9; 11; 136, 17; 176, 21; 26; 276; 33; 41 Parameters of manual power supplies Parameters / Machine type Km7400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] - 90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km7400 Dimensions (mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters (Vidith) height (mm] 60x060x10 Weight [kg] 51 Heating plate parameters Parameters Machine type Km7400 Rev. [rm] 20 Dimensions (Pidel Parameters Parameters Machine type Km7400 Rev. [rm] 20 Dimensions (Pidel Parameters Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Parameters Parameters (Parameters Parameters Parameters (Parameters Parameters Parameters Parameters (Parameters Parameters Parameters (Parameters Parameters Parameters Parameters (Parameters Parameters Parameters (Parameters Parameters Parameters Parameters (Parameters Parameters Parameters (Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters (Parameters Parameters Parameters Para	from	4	
2006 MS_UNZOCZERRO_QOOR Equipment	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 cae	from	20	
Description	3266	045_UA20262860_0007	Equipment	Inverter type welding machines 400A		operating current: 400 A Operating voltage: 380V (3 phases)	from	10	
2528 045_UA20082880_0010 Equipment	3267	045_UA20262860_0008	Equipment	diameter of 32-90 mm			from	39	
2007 045_UA20262860_0015 Equipment	3268	045_UA20262860_0009	Equipment	Clamps for pressing of polyethylene pipes			from	39	
Subject Subj	3269	045_UA20262860_0010	Equipment			1300 W or 1500 W.	from	49	
271	3270	045_UA20262860_0011	Equipment	Angle grinder of 2,5 kW			from	29	
3272 045_UA20262860_0013 Equipment Equipment Equipment Equipment Hydraulic oil station GPU12 (Stanley, In a set: Stanley, In a set: Stanley, Included Stanley, Included Heavy jackhammer, BNV20 Stanley, included Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Stanley COV10 Circular saw, with a disk on concrete Stanley COV10 Circular saw, with a disk on concrete Grow, In a 26-34 Morning persure, but a 4 34 Morni	3271	045_UA20262860_0012	Equipment	2.2 kW perforators		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	from	20	
3273 045_UA20262860_0014 Equipment E	3272	045_UA20262860_0013	Equipment			Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions	from	4	
3274 045_UA20262860_0015 Equipment Ught jackhammer, CHV08 Stanley, included Packhammer, CHV08 Stanley,	3273	045_UA20262860_0014	Equipment	Heavy jackhammer, BRV20 Stanley, included		Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm	from	4	
Submersible pump Stanley TPV16 Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete Stanley COV10 circular saw, with a disk on concrete saw	3274	045_UA20262860_0015	Equipment	Light jackhammer, CHV08 Stanley, included		pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LxWxH), mm	from	4	
3276 O45_UA20262860_0017 Equipment Stanley COV10 circular saw, with a disk on concrete on an axis of rotation. Yes Possibility of installation on the cart	3275	045_UA20262860_0016	Equipment	Submersible pump Stanley TPV16		Housing design Polyurethane Working pressure, bar 140 Oil flow, I / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3)	from	4	
	3276	045_UA20262860_0017	Equipment			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	from	4	

3277	045_UA20262860_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4	
3278	045_UA20262860_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3\g 2100 Oil flow, I / 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, I / 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 littings, pipeline diameters from DuSto to DutSfohm, with a maximum working pressure of 12 kgf / cm2 and the possibility of aliying a bypass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS2 / SS3 12 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 12 bar (required for work for diameters of 0x 05-150) - 15 / SS3 12 bar (required for work for diameters of 0x 05-150) - 15 / SS3 12 bar -	For works (flow stop) on pipelines with a diameter of Du 50	from	4	
3281	045_UA20262860_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 - Wardra 10x00 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, £40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200W, 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 50 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 plast thousing, 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 generator - 6000450x600 (h) mm. Total weight with generator - 6000450x600 (h) mm. Total	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 GEMERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine Number of cylinders 6 Cooling ilquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 51232416531958 m1 Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butnea kg IDO Weight 33 power 275 kW Tree- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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		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 3288	045_UA20262860_0028 045_UA20262860_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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	

				Т	T	
3291	045_UA20262860_0032	Equipment	Hose gas masks (hose length 10 m)	mplete set: * 10m hose - 1pcs * Rubber corrugated tube - cs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs	78	
3292	045_UA20262860_0033	Equipment	The lights are explosion-proof	wer supply - battery; * Charging method - 12 V / 220 V; * ress protection: IP66; * Housing - polymer; * Zone of use - ONE 2; * Battery type - built-in battery; * Type - manual.	118	
3293	045_UA20262860_0034	Equipment	Matat Life jackets * 5 8 Dire	* Safety belt combined with shoulder and leg straps; * erial: polyamide, polyester, steel with a protective coating; andard: DSTUE NB 352-2072; DSTUE NB 352-2017; DSTUE NB 352-2017; DSTUE NB 3132-2017; * Static breaking load - not less than 15 kN; * nessions (walist Lccumference) - 5 (640mm - 1000mm); M (850mm - 1300mm); L (1120mm - 1500mm);	78	
3294	045_UA20262860_0035	Equipment	The rescue halyard Br	reaking load, kN - 15 * Material - Polyamide * Type - Fall from protection system * Length, m - 12	78	
3295	045_UA20262860_0036	Equipment	Swam grap prin secci volt VibraGas or similar gas detector (wt ter visus / / sens	mensions: 149-165 x 58 x 34 mm (without "swan neck") + n neck. 162 mm Weight: approx. 400 g Display: backlit LCD hinc display with 128 x 64 pixels + symbols Power supply: 4 mary alkaline / managenese cells in the battery holder type Duracell industrial ID1500, rated voltage: 6 volts or 4 nodray NIMM: cells in the battery holder, rated voltage: 4.8 s, rated power: 2700 mAh Charging time: approx. 6 hours reful charge Charging voltage: 11. 14 volts DC Charging current: max 500mA (fuse) Operating time: 15 hours thout backlight), warning message frecharging required, automatic shut-off when voltage is too low Ambient menerature: during operation: 20° C to + 50° C Display: al: digital concentration dependent sound signal- sitive to vibration depending on concentration Principle of ration: Semiconductor sensor ISC) Measurement accuracy: 1,000 pm = 20% of the final value (1,000 - 1,000 0 pm = 2 00% of the final value Reaction time: 190 s 10 sec.	39	
3296	045_UA20262860_0037	Equipment	O Dep pow GOLIATH gas analyzer or similar USS D me	128 x 64 pixel LCD display, backlight NIMH battery pack perating temperature - 10° C to - 40° C Operating time ending on application and lighting Changing The charger is ered by 12 V DC or 230V AC, Time charging approx. 3 hours ered by 12 V DC or 230V AC, Time charging approx. 3 hours tas storage 4 M8 flash memory for more than 1 million states storage 4 M8 flash memory for more than 1 million 500 N3 7 mm Weight approx. 1,250 g Explosion protection 500 X 87 mm Weight approx. 1,250 g Explosion protection 140° EX 950 9 AT EX 0° V9 X – EX 12 G S to id Ill 13° 7.14 G b	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		* Discriminator - Yes * Soil balancing - manual * Max. tection depth, m - more than 1.5 * Warranty - 24 months	10	
3299	045_UA20262860_0040	Equipment	elel pr pr pr oper volte so N Me **Core the 1. C Ban of si not 4. S en ois un value at at A_A = :	onoblock - an electronic unit connected to magnetic and ctropotential antennas into a single structure. Dust spray ototech Inteference immunity Retains its technical and rational characteristics when operating in the area of high-age transmission lines. Indication Analog graphic scale and und signal separately for magnetic and electric antennas. surrement estimation of the depth and relative values of the magnitude of the current "pulsations") Direct measurement; numerical values of the depth of the current of communications and the relative magnitude of the current of communications and the relative magnitude of variable component of the flowing current and "potential". Operating frequency (1 work.), Hz 100, 150, 1020, 5000 2. Which is the first of the flowing current and "potential" from dividing that the level of 0.7 from fi slave = 5% 3. Attenuation inghas with a frequency of 50 Hz at f work, dis 100, 150 Hz less than 10.3 ft rob, dis 1020, 5000 bt not less than 185 ensistivity to the input of the receiver relative to the signal / edit, when the work than 2.5. Sensitivity to magnetic field, A / m not worse than 0.2.6. Deviation of the determined e of the depth of communication (to the axis of the route) a current in the place of determination not less than 200, for a depth of 1.1. 1.10 m, at f. 1.200 Jrt, not more than% 2.7. Number of measurement values registered, 3 000 & Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 10	20	
3300	045_UA20262860_0041	Equipment	Laser ELU leak indicator Laser ELU leak indicator Mea part at a Hur	hnical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. leasuring method Tunable diode-based laser absorption ctrometer (TDLA) Operating time 5 hours per Charge (6 rs) Power supply Lithium-ion battery Beam size 25 - 30 cm at a distance of 30 m - 30 m depending on the object of effection Weight 1.6 kg Dimensions 237 x 167 x 74 mm surement range 0 - 50,000 parts per million Sensitivity 10 sper million at a distance of 0 - 30 m Operating temperature-17 to 50°C miditly from 5 to 90% RH without freezing Protection class 4 USS connection, headphones, DC connector Accessories eadphones, belt, bag. charger Accessories Setting device	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 - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicilia warranty from the manufacturer * Protection functions - Protection against overheating * Features: The handle for movement * Voltage, In - 220 I 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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHC Fuel type: diesel fluel with Cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6c: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 3-00 (100 of 2-000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ask and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0-100 km / h (s): 3.35 Fuel type: diesel fuel with cetane number of 48 or higher	from	24	
3305	046_UA03340920_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar		ENGINE Volume: 2.0 I (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 to 100 km / h Mixed cylee: 7.1 I / 100 km Fuel tark: 70 lF out: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: Se BEAS 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 T175 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly Z1 T10/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm printing Centronics-USB or R5232-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 -1.0 + 40, for tealitve humidity -75%) Output power (V) 2500 Required unit power (W) 3000 Housing density class (°F 45 Max. operating current (A) -630 Operating voltage range (V) 6-48 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 40) Operating voltage range (V) 6-50 Operating voltage range (V) 6-64 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 5 V adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated (LD display length Working wires [m] 3 Interchangeable lugs [mm] (93.9) 64.	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 humlidity -75%) Storage temperature range [°C] -20 +50 Supported 50R 9, 111, 136, 171, 716, 211, 26, 27.6; 33, 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 3005-20x505 Pressure control proportional valve Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm] 680x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -00 System power [B] 6700 Seam memory 100 last seams Printer maintenance Serial data printers tathe parameters Parameters / Machine type km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 60x80x10 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (height height) [mm] 60x80x10 Weight [kg] 51 Heating plate parameters Parameters / Wachine type Km1400 Temperature control range [°C] 180-240 Dimensions (height height) [mm] 60x80x10 Weight [kg] 51 Heating	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		Electrode diameter: 2.0 - 8.0 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 (idling): 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 f Vibration 1.95 m / 5 (drilling) 13.5 m / s (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, d8 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8	from	6	
3319	046_UA03340920_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, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	6	
3322	046_UA03340920_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 bu50 to bu50mm, 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 2 bar (required for work for diameters to Up-150) - 1 pc 2. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters to Up-150) - 1 pc 3. Holder of the internal cap art. 137 for art.530 (necessary for carrying out works for diameters of Du 50-150) - 1 pc 3. Holder of the internal cap art. 137 for art.530 (necessary for carrying out works for diameters of Du 50-150) - 90mm - internal diameter of a pipe) - 2 pc S Vewing device for Stop system S1 Da art. 1 pc s. 1 pc s. 1 works 1 pc s. 1	For works (flow stop) on pipelines with a diameter of Du 50	from	6	
3325	046_UA03340920_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 pc Spare lamp - 1 pc Stretch marks not less - 3 pcs Peg metal - Kvafard 10001 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, £80 cartridge. Luminous flux: 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing- 600 W. Incladascine mic of the cylinder - up to 60 see. (Time of state (with extensions) - up to 20 m / sec. Climatic design - class U. Incladascine: 10 F6,544. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of elidectric material. The fabric cylinder is made of special air-waterproof, durable inseline material, the special condition of the installation - 12 months. Useranty period of storage - 6 months. Warranty speriod of storage - 5 months. Warranty speriod of storage - 6 months. Warranty speriod of storage - 6 months. Warranty speriod of storage - 6 months. Warranty special of the cylindrical state with the generator - 60x0450x600 (I) m.m. Total weight with generator - 0x0450x6x06 (I) m.m. Total	from	30	

March Marc											
Section Company Comp	3326	046_UA03340920_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant	Continuous operation time 12 h Engine and device characteristics Engine model GENBEAC 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 51234.1635.19345 mm Warranty 12 months installation type stationary fuel brand Main gas NG + gas propane / butane kg IPG Weight 38 power 275 KW Three-phase voltage (380 V) Features hour mater energency stop	from	6	
Section Description Desc	3327	046_UA03340920_0024	Equipment				Three-element folding ladder up to 6 m	Working height 6.05 m Number of steps 24 Maximum load 15 kg Material aluminum Width 480 mm Weight 14.4 kg	0 from	91	
18,000,000,000,000,000 18,000,000,000 19,0	3328	046_UA03340920_0025	Equipment				Set of keys combined (horn-cap) 6-32 mm	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	
Section Processing Proces	3329		Equipment				Set of hexagonal heads, 6-36 mm	19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint		91	
Section Companies of the Companies o		046_UA03340920_0027									
Section Processing Proces	3331	046_UA03340920_0028	Equipment				Hydraulic jacks 5 t.	load capacity 5 t	from	12	
20.000 1	3332	046_UA03340920_0029	Equipment					Productivity, I / min - 220 I / min Shape - Horizontal Tank	from	6	
Separate	3333	046 UA03340920 0030	Equipment					Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	30	
1933 1935 1945	3334	046_UA03340920_0031	Equipment					Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 26 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lor	2 from	121	
1.55 1.56	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	from	121	
Mean Life prignates	3336	046_UA03340920_0033	Equipment				The lights are explosion-proof	Ingress protection: IP66; * Housing - polymer; * Zone of use	from	182	
Same production option if legal than 12 or similar part defector Commentation 3337	046_UA03340920_0034	Equipment				Life jackets	Material: polyamide, polyester, steel with a protective coating * Standard: DSTU EN 361-2017; DSTU EN 385-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - 5 (640mm - 1000mm); N	from	121		
Discontinuous visibility fragety, min. 12 st. Sept. part (without "was need") sown need. 12 mm reveal 5.00 mm r	3338	046 UA03340920 0035	Fauipment				The rescue halvard		from	121	
Operating temperature -10 °C to -40 °C Operating time Depending on application and lighting Charging the charger is powered by 12V DC or 230 W. ACT lime charging approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 105 port (percent as 50 m.), Charging time approx. 8 hours 100 x 87 mm Weight approx. 1,250 g Explosing protection 210 x 87 mm Weight approx. 1,250 g Explosing protection 210 x 87 mm Weight approx. 1,250 g Explosing protection 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide 210 x 87 mm Weight of extinguishing agent, kg -3.5 *Type - Carbon dioxide	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 Displays 'backlit LCI graphic display with 128 x 64 pixels + symbols Fower supply. primary alkaline / manganese cells in the battery holder type Duracell industrial 101500, rated voltage; 64 volts or 4 secondary NiMH cells in the battery holder type deproxes of the strength of the stre	t 3 3 from	61	
3341 U40_UAU334U920_UU38 Equipment Carbon dioxide rom 303 diox	3340	046_UA03340920_0037	Equipment				GOLIATH gas analyzer or similar	Operating temperature - 10 °C to + 40 °C Operating time Depending on application and lighting Charging The charger i powered by 12V DC or 230V AC, Time charging approx. 3 hou USB port (specified at 500 mA), Charging time approx. 8 hou Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 100 x87 mW Veight approx. 1.529 Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 26 Ex lb d IIB T3 / T4 Gb	rs s from	152	
242 046 HA0244000 0030 Enigment business and selection of the selection of	3341	046_UA03340920_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)		from	303	
	3342						Metal detector	* Discriminator - Yes * Soil balancing - manual * Max.	from	15	

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. Neasurement (estimation of the depth and relative values of the magnitude of the current "pudstations") Direct measurement. Immerical values of the depth and relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (if work.), lit 100, 150, 1020, 5000 2. from 30 Bandwidth at the level of 0.7 from 1 slave 2.5% a. Stemastion of signals with a frequency of 50 Hz at f work, db: 100, 150 Hz not less than 110 at frob, db: 1000, 5000 th not less than 110 at frob, db: 1000, 5000 the not less than 185 4. Sensitivity to magnetic field, ma / m not worse than 2.6. Deviation of the determined value of the depth of communication (to the axis of the troute), at a current in the place of determination not less than 200 mA, for a depth of 0.1 10m, at 1-1000 Hz, not more than% 1.2.7. Number of measurement values registered, 3.000 s. Current consumption (severage), ma 200 o. Current consumption (severage
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 5 8 hours per charge (6 hours) Power supply Lthium-ion battery Beam size 25 * 30 cm at a distance of 30 m.3 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 IPS4 USB connection, headphones, Dc Connector Accessories Headphones, Delt, Dag, Charger Accessories Settling device
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; * Awnagement - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicid warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 Invoe*
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 from dismerter - 250 mm * Warranty - 24 months dismerter - 250 mm * Warranty - 24 months
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 from 36 br
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-FVT Vype: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diesel fuel with Cetane number of 48 or higher Displacement (em3): 2393 Cylinder diameter x piston stroke (mm): 92,0 x 900, Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 400 / 100 - 2000 Enricommental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengating the front ale and connecting a reduced gear Dynamic indicators Maximum speed (lim fl.): 170 Acceleration 0- 100 km fl (s): 13.3 Fuel type: diesel fuel with catane number of 48 or higher
3349	082_UA03361075_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar	ENGINE Volume: 2.0 I (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 Niked cyted: 7.1 / 100 km fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BRASK Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *
3350	082_UA03361075_0003	Equipment	Autonomous welding unit DGW 310 MS / RS - 1- post	Rated welding current 260/290 A, Dc Rated welding voltage 30.4 / 31.2 V poerating cycle 2006 (current control range 35-280 / 45-310 Welding electrode Ø 2.6 - 6.0 mm Frequency 50/60 Hz

3351	082_UA03361075_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4,7 mm printer for thermal printing; Centronics-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range * (mm) up to 250 mm Barcode scanner Supply voltage (VJ 230 Operating temperature range (°C -1.0 440, dt retaliethe mindfully -75%) Output power (VJ 2500 Required unit power (WJ 3000 Housing density class (P 25 Max. operating current (A) < 63 Operating voltage range (VI 6-48 (D. 5 V adjustable) Operating time range (S) 0-4099 (L s adjustable) Operating time range (S) 0-4099 (L s adjustable) Enternal pinter memory 200 last stitches Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires (mJ 3) Interchangeable lugs (mm) (9.39, 94.7).	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 sildes, 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 (lat relative humidity-C750) storage temperature range [*C] - 10-95 Supported S0R 9, 11; 13.6, 17; 17.6, 21, 26, 27.6, 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm) 3005-20x505 Pressure control proportional valve Pressure control range [bar] - 90-0 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm) 5805-20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mn] 600x600x150 Welight [kg] S1 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height [mn] 600x600x15 Welght [kg] 16 [height mn] 600x600x15 Welght	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 Uparátion of loading (TIM) 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)	from	18	
3355	082_UA03361075_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	70	
3356	082_UA03361075_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	70	
3357	082_UA03361075_0010		diameter of 90-250 mm		Maximum disk diameter 180 mm Power supply 220V Power	from	88	
		Equipment	Angle grinder of 1,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed		53	
3358	082_UA03361075_0011	Equipment	Angle grinder of 2,5 kW		(idling): 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 ² (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8	from	7	
3363	082_UA03361075_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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	7	
3366	082_UA03361075_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DASO to DUSTOmn, with a maximum working pressure of 12 kg f / 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 to \$0.51.50) - 1 pcs / SS3 12 bar (required for work for diameters to \$0.51.50) - 1 pcs / SS3 12 bar (required for work for diameters to \$0.51.50) - 1 pcs / SS3 12 bar (required for work for diameters to \$0.51.50) - 1 pcs / SS3 12 bar (required for work for diameters of \$0.50.51.50) - 1 pcs / SS3 12 bar (required for work for diameters of \$0.50.51.50) - 1 pcs / SS3 12 bar - 1 pcs . SS 1 model 12 bars - 1 pcs . SS 1 model 12 bars - 1 pcs . SS 1 model 12 bars - 1 pcs . SS 1 model 12 bars - 1 pcs . SS 1 model 12 bars - 1 pcs . SS 1 pcs system - 3 model SS3 12 bar . 1 pcs . SS 1 bar - 1 pcs . SS 1 when developed with conditions of the state of the system of the system - 1 pcs . SS 12 bar - 1 pcs . SS 1 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of yet mediater of the pipe) - 2 pcs . SS 10 pcs yet mediater of yet mediater o		from	7	
3369	082_UA03361075_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare Impn - 1 pcs Stretch marks not less - 3 pcs Yeg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air fifter - 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 DNA1 with a capacity of 500W, £80 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 50 midses. 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 ellectric material. The fabric cylinder is made of special air-waterproor, 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 generator - 600x450x600 (h) mm. Total weight with generator - 600x450x600 (h) mm. Total	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 GENRAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine Number of cylinders 6 Cooling Iquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 51234146831948 mM Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane & Igt DR Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 3375	082_UA03361075_0027 082_UA03361075_0028	Equipment Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from from	14 14	
3376	082_UA03361075_0029	Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon 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 363-2017; DSTU E	from	140	

3382	082_UA03361075_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	om	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: backiti LCD graphic display with 128 x 64 pixels *ymplots Power supply* 4 primary alkaline / manganese cells in the battery holder type Duracell industrial IDISOO, rated voltage; 6 volts or 4 secondary NiMH cells in the battery holder, rated violtage: 4.8 volts, rated power 2700 mAh Charging time: approx. 6 hours before full charge Charging witlage: 1114 volts DC Charging grunest mass *200na (fixel) containing time: approx. 6 hours	om	70	
3384	082_UA03361075_0037	Equipment	GOLIATH gas analyzer or similar	Data storage 4 M8 flash memory for more than 1 million measurement values Protection type IF-50 Minerations 200 x 100 x 87 mm Weight approx. J. 250 g Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 26 Ex Ib d IIB T3 / T4 Gb	om	175	
3385	082_UA03361075_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	dioxide	om	350	
3386	082_UA03361075_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	om	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 magnetic and electric antennas. Measurement estimation of the depth and relative values of the magnetic of communications and the relative magnetic of the under Communications and the relative magnetic of the variable component of the flowing current and "potential". 1. Operating frequency (f work.), hr 110, 05, 1020, 5000.2. of Bandwidth at the level of 0.7 from Siave ± 5% 3. Attention of signals with a frequency of 50 hz at f work, dis 110, 150 hz not less than 110 at 1 rob, dis 1100, 500 hz not less than 183 s. Sensitivity to the input of the receiver relative to the signal / noise 6dis, if not worse than 2.5 estensitivity to magnetic field, mA / m not worse than 2.6 Deviation of the determined value of the depth of communication to the asis of the route), at a current in the place of determination not less than 200 mk, for a depth of 0.1 10m, at 1.100 kHz, not more than% ± 2.7. Number of measurement values registered, 3 000 &. Current consumption (lowerage), ma 120 % continuous operation time, hours, not less than 10	om	35	
3388	082_UA03361075_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 Turable diode-based laser absorption spectrometer (TDLAS) Operating time s 8 hours per charge (6 hours) Power supply Lithium-ion battery Ream size 25 - 30 cm at a distance of 30 mm 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm fewsurement range 0-50,000 parts per million sensitivity 10 parts per million are made of 50,000 parts per million at a distance of 0-10 m 20 parts per million at a distance of 0-10 m 20 parts per million at a distance of 0-10 m 20 parts per million at 6 distance of 0-10 m 20 parts per million 4 per million at 6 distance of 0-10 m 20 parts per million 4 per million at 6 distance of 0-10 m 20 parts per million 4 per million 5 m 50 m 50 m 6 m 50 m 50 m 50 m 50 m 5	om	18	
3389	082_UA03361075_0042	Equipment	Heat gun S kW	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	om	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 * Festure - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months	om	4	

					For work (flow stop) on pipelines of small diameter Du 20 mm	I		- 1	
3391	082_UA03361075_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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: 26D-FIV Type: turbocharged diesel engine 4.7 16-valve DOHC rule type: dieses flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, × 9.00 Compression ratios: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 4: 400/16 600 - 2000 Environmental standard: EUBO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front as de and connecting a reduced gear Dynamic Indicators Maximum speed (km / hj: 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: 2.01 (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 Maked cylee: 7.1 i / 100 km fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP ype: Mechanical Diver: Front Quantity gears: 5 BRASK 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 ZTS / 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 39, 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 scare Supply obligate [V] 230 Operating temperature range [*] -3.0 40] at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP Sed Max. operating current [A] <630 perating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [1 s adjustable) internal printer memory 200 last stitches Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] (9.35, 96.1 **).	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 (lat relative humidity - 25%) Storage temperature range [* C] - 10-40 (lat relative humidity - 25%) Storage temperature range [* C] - 20+5 Supported SDR 9; 11; 13-6; 17; 17-6; 21; 62; 17-6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure activation range [san] - 900 Operating position vertical System power [V] 5:100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [san] - 090 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 5:1 Heatting plate parameters Parameters / Machine type Km1400 Temperature control range [* C] 180-240 Dimensions (height height [mm] 600x80x150 Weight [kg] 5th	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 1,65-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			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	from	27		
3403	047_UA03344071_0012	Equipment	2.2 kW perforators		Power 1500 W Drilling diameter (steel / concrete / wood) 52 mm Drilling bit 150 mm Indie frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.71 Vibration 19.5 m /s (drilling) 133.5 m / s' (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: $RVT \not \!$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75	from	4		
3405	047_UA03344071_0014	Equipment	Heavy jackhammer, 8RV20 Stanley, included		Handle type T-shaped, anti-vibration Oil flow, I / 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, I / 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, I / 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, I / 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 Solibility of installation on the cart - Yes	from	4		
3409	047_UA03344071_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4		
3410	047_UA03344071_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSto to Usifomm, with a maximum working pressure of 12 kgf / cm² and the possibility of siying a bipass 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 2. Drilling machine (art. 230) is used with Stop system SS1 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.330 (necessary for carrying out works for diameters of Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.330 (necessary for carrying out works for diameters of Du 50-150) - 90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Sop system S1 Dav 1 - 1 pcs 6. Stop system - 3 models SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 1 pcs 7. Sop had 03 13 / 2 - 2 pc 8. Viewing device for Sop system SS3 12 bar - 1 pcs 9. Stop system - 3 model SS3 12 bar (Du 150 mm - inner diameter of the pipe) - 2 pcs 5. Viewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic all station DAS JUEFA ASD9 (Italy) is equipped with: counter hour meter, high pressure hose with 885, 1 = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DAA MIS (Italy) - 1 pcs 13. Weiding generator KEV MAGIC WEID 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	from	4		
3413	047_UA03344071_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Waldraf Lohd Imm, 350 mm long - 3 pcs Spare air fifter - 1 pcs		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 (ENRAC) Cas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine Number of cylinders Coloning leugide colining Engine manufacturer Generac Nominal power 240 kW Dimensions 51234146834954 mW Jarranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane/ butane By (EM Gweight 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 - horr 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		
					l .	1						

				15.40		-	
3417	047_UA03344071_0026	Equipment	Hexagonal end heads 1/2 ": 6, 8; 10, 11; 12; 13; 14; 15 Set of hexagonal heads, 6-36 mm Set of hexagonal heads, 6-36 mm "mechanism; 1/2 "extenders: 75, 125, 250 mm; card 1/2 "plastic suitcase" 1/2 "plastic suitcase"	1/2 from	55		
3418	047_UA03344071_0027	Equipment	Aright A	from	7		
3419	047_UA03344071_0028	Equipment	Hydraulic jacks S t. load capacity S t	from			
3420	047_UA03344071_0029	Equipment	Power type - Mains Power, W - 1500 Pressure, bar Compressor up to 10 At Productivity, I / min - 220 I / min Shape - horizonta volume, I - 501 Compressor type - Piston Conveyor	ank from	4		
3421	047_UA03344071_0030	Equipment	Centralizers for steel pipes with a diameter from Centrifuge with two chains for pipes; Range - 325 - 7	mm. from	18		
3422	047_UA03344071_0031	Equipment	325 mm to 720 mm Range not less than 10 km Number of tanales- Motorola radios (wokitoki type) Motorola radios (wokitoki type) Bange not less than 10 km Number of tanales- Frequency range- 446 Mhit (PMR) Power - 0.5 W Wei g Dimensions 57 x 116 x 38 mm Options - r / s, charge between the company of the property of the company of the property of th	28 t - 262	73		
3423	047_UA03344071_0032	Equipment	Hose gas masks (hose length 10 m) Complete set: *10m hose z hose * length 10 m) 2prs * 9elt - 1prs * Shobler strap - 1prs * Showler str		73		
3424	047_UA03344071_0033	Equipment	Power supply - battery; ** Charging method - 12 V/2 The lights are explosion-proof Ingress protection: IP66; ** Housing - polymer; ** Zone C. 2 Matery type - polymer; ** Zone	f use - from	109		
3425	047_UA03344071_0034	Equipment	* Safety belt combined with shoulder and leg stra Material: polyamide, polyester, steel with a protective * Sandard: OSTUR_N 81-207/; SFUR_N 83-207 * Life jackets Life jackets # Sandard: OSTUR_N 81-207/; SFUR_N 83-207 * Static breaking load - not less than 15 Dimensions (wait crustificence) (850mm - 1300mm); L (1100mm -	oating; TU EN N; * from m); M	73		
3426	047_UA03344071_0035	Equipment	The rescue hallyard Breaking load, kN - 15 "Material - Polyamide " Typ	Fall from	73		
3427	047_UA03344071_0036	Equipment	Dimensions: 149-165 bs S 8 x 34 mm (without "swan ro Swan nets 12c mm Weight: approx. 400 g loshys, be a graphic display with 128 x 64 pixels + symbols Powers primary alkaline / manageness cells in the battery holds. The primary alkaline / manageness cells in the battery holds. The primary alkaline / manageness cells in the battery holds. The primary alkaline / manageness cells in the battery holds. The primary alkaline / manageness cells in the battery holds. The primary alkaline / manageness cells in the battery holds. The primary approx. Secondary MidH cells in the battery holds; Tated power 2700 mAh Charging time: approx. before full charge Charging objects. 11. 4 visual display objects and the primary an	lit LCD pply: 4 t type 4 ge: 4.8 hours arging ars airied, tt lay: - LL, hPa nal - iple of curacy: pm ±	36		
3428	047_UA03344071_0037	Equipment	128 x 64 pixel LCD display, backlight NIMH battery Operating temperature -10 ° Cto +40 ° C Operating Depending on application and lighting Charging The to powered by 12 V DC or 320 V AC, Time charging approx USB port (specified at 500 mA), Charging time approx Data storage 4 MB flash memory for more than 1 in measurement values Protection type IPS4 Dimension 10 x 87 mm Weight party x 1,250 Explosion x 1,2	rger is 8 hours hours from lion 200 x ttion	91		
3429	047_UA03344071_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type) "Weight of extinguishing agent, kg. = 3.5 "Type - C dioxide	bon from	182		
3430	047_UA03344071_0039	Equipment	Metal detector * Discriminator - Yes * Soil balancing - manual * N detection depth, m - more than 1.5 * Warranty - 24		9		
3431	047_UA03344071_0040	Equipment	Monoblock - an electronic unit connected to magne electropotential antennas into a single structure. Du protected. Interference insurfacture. Du protected. Interference insurfaction Analogy and the area voltage transmission lines. Indication Analogy sprays of the structure of t	spray I and I and I high- I and	18		

3432	047_UA03344071_0041	Equipment	Laser ELLI leak indicator		Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (bouch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time s.8 hours per charge (6 hours) Power supply Lithlum-on batter y Beam size 25° 30 cm at 3 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 are shortly of the properties of the size of 0 m 20 m operating temperature -17 to 50°C Humidity from 5 to 50% RH without freezing Protection class 1964 USB concerning the size of 10 m 20 m operating temperature -17 to 50°C Humidity from 5 to 50% RH without freezing Protection class 1964 USB concerning the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the protection class 1964 USB concerning the size of 10 m 20 m operating the size of 10 m operat	from	9	
3433	047_UA03344071_0042	Equipment	Heat gun S kW		* Sentice area, kV. m - 50°, * Power, W - 5000; * Installation - Floor; * Type of coalant - electric; * Type of heating element - ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 5 momths of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220 I m	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 Hiliux 4 * 4 pickup or similar		2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 26D-FIV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diese flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9,20, x 900 Compression ratio: 15,6: 1 Maximum power (kW (hp) at pm): 110 (150) / 3 400 Maximum torque (N·m at pm): 3400 Co. 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ade and connecting a reduced gear Dynamic Indicators Maximum speed (km / hi; 170 Acceleration 0-100 km / h (s): 13.3 ruel type: diesel fuel with cetane number of 48 or higher	from	11	
3437	048_UA05448610_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Oylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Medec cylee: 1.1 100 km feet lank: 67 is Fuel: biesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Veriliated discs Shear: WHEEL discs Discs: Steel Disc size: 16	from	14	
3438	048_UA05448610_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	
3439	048_UA05448610_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 271 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Internhangeable tips 39, 4.7 mm Printer for thermal printing; Centronica-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	E4 May, operating current [A] <62 Operating voltage range [V]	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	supply parameters Parameters / Machine type KmT400	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	from	35	
3446	048_UA05448610_0011	Equipment	Angle grinder of 2,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed	from	21	
0440	040_0/00440010_0011	Equipment	Angle grinder of 2,5 km		(idling): 6600 rpm Power 1500 W Drilling diameter (steel / concrete / wood) 52			
3447	048_UA05448610_0012	Equipment	2.2 kW perforators		mm Drilling bit 160 mm Idle frequency 130 - 260 rpm Number of strokes per minute 1075 - 2150 Impact energy 19.7 / Vibration 19.5 m / s (drilling) 13.5 m / s (drilling) 13.5 m / s (drilling) mensions 599 x 130 x 287 mm dust	from	14	
3448	048_UA05448610_0013	Equipment	Hydraulic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 $^{\circ}$ L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, dB 105 Dimensions (LWWxH), mm 670x420 Weight, kg 21	from	3	
3450	048_UA05448610_0015	Equipment	Light jackhammer, CHV08 Stanley, included		Handle type D-shaped Oil flow, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, dB 105 Dimensions (LVWxH), 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, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LwWxH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart	from	3	
3453	048_UA05448610_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3	
3454	048_UA05448610_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 Th RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from Up.50 to 0.1550mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of larging a bynass line, complete with small mechanization.	yourm - internal claimeter of a pipe) - 2 pcs 5 viewing device to Stop system SS 11 2 bar - 1 pcs 6. Stop system - 3 models SSS 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 postom SC3 12 bar 1 pcs 6. Stop system 2 models SC3 12 bar	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	

3457	048_UA05448610_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - IvJadrat 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 500V, £40 cartridge, Lmmious flux - 9,6000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - put 60 Sex, Time for discharge control of the lamp - up to 5 minutes. Wind resistance with extension - yet o 20 m / sex - Climatic design - class U. lagress protection: IP 65/44. Class of protection of insulation from electric stock - II. The power unit is located in a cylindrical plastic housing, which is made of folietcric material. The fabric cylinder is made of special air-waterproof, durable inseparable material, the height of the cylinder is of storage - 6 months. Warranty period of operation of the installation is the installation in the installation in the	from	14	
3458	048_UA05448610_0023	Equipment	Electrical Civil protection equipment Backup power plants	GENERAC SG 275 gas power plant		Installation 2 - 2 minute, numerisation in the installation in the folded state with the generator - 600x450x600 (h) mm. Total weight with generator - up to 55 kg. Current / voltage frequency 50 kP zower factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENERAC Gas consumption 8.38 mS. 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 5128x1463x1945 mm Warranty 12 months installation type stationary Fuel brand Main gas No 4- gas	from	3	
0.450	040 11405440040 0004	Fredricat				propane / butane kg LPG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 di Working height 6.05 m Number of steps 24 Maximum load 150			
3459	048_UA05448610_0024	Equipment		Three-element folding ladder up to 6 m		kg Material aluminum Width 480 mm Weight 14.4 kg Set of keys 20 units Set of keys - keys combined Key type - horr	from	41	
3460	048_UA05448610_0025	Equipment		Set of keys combined (horn-cap) 6-32 mm		cap Size in mm 6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22, 24,27,30,32 Hexagonal end heads 1/2 ": 6,8; 10; 11; 12; 13; 14; 15; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 16; 18; 18; 18; 18; 18; 18; 18; 18; 18; 18	from	41	
3461	048_UA05448610_0026	Equipment		Set of hexagonal heads, 6-36 mm		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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	3	
3465	048 UA05448610 0030	Equipment		Centralizers for steel pipes with a diameter fro	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	14	
3466	048_UA05448610_0031	Equipment		325 mm to 720 mm 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-lon battery 2100 mA / h , (ijb 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 * SMP 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: DSI UR 361-2017; DSTU EN 385-2017; DSTU EN 385-2017; * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) - (\$EdOmm - 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	from	55	
3471	048_UA05448610_0036	Equipment		VibraGas or similar gas detector		protection system *Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 126 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 Duracel Industrial ID1500, rated voltage: 4.8 wolts, rated power 2700 mAh Charging time: approx. 6 hours wolts, rated power 2700 mAh Charging time: approx. 6 hours before full charge charging voltage: 1.1. 1 a volts 10 Charging current max. 500mk (fuse) Operating times - 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, vol5%, 81E, IM) // mbal a) coustic concentration dependent sound signal sensitive to vibration depending on concentration Principle of porartion: Seniconductor sensor GCI Measurement accuracy. 0 - 1,000 ppm ± 20% of the final volta (2,000 - 10,000 ppm; 20% of the final volta (2,000 - 10,00	from	28	

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3472	048_UA05448610_0037	Equipment	GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight NiMH batter Operating temperature -10° C to +40° C-Operating Depending on application and lighting Charging The powered by 12V DC or 230V AC, Time charging appur USs port (peerfield at 500 mA), Charging time appur Data storage 4 MB fash memory for more than 1 measurement values Protection by peer 150 pixel for the charging time appur 100 x 87 mm Weight appuro. 1,25° g Explosion pr ATLE NOS 90 ATRE C 978 X – Ext J SC is cell fill S1.	time arger is 3 hours 8 hours from illion 5 200 x	69	
3473	048_UA05448610_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - dioxide	rbon from	138	
3474	048_UA05448610_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * detection depth, m - more than 1.5 * Warranty - 24		7	
3475	048_UA05448610_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magn electropotential antennas into a single structure. Di protected, Interference immunity Relatins its techn operational characteristics when operating in the art voltage transmission lines. Indication Ahadig gradible sound signal separately for magnetic and electric a Numerous values broising the eight and relative the magnitude of the current "pussionism") bit measurement (estimation of the depth and relative the magnitude of the current "pussionism") bit measurement, numerical values of the depth on "cocurrence" of communications and the relative mat the variable component of the flowing current and "1. Operating frequency (14 work.), Hz 100, 150, 1000 Bandwidth at the level of 0.7 mort siase z 593. A of signals with a frequency of 50 Hz at twork, dis 10 not less than 10 at 1 rob, dis 100, 5000 Hz not less than 10 at 1 rob, dis 100, 5000 Hz not less than 10 at 1 rob, dis 100, 5000 Hz not less than 10 at 1 rob, dis 100, 5000 Hz not less than 10 at 1 rob, dis 100, 5000 Hz not less than 10 at 100 Hz not worse that 5. Sensitivity to the input of the receiver relative to thouse of the depth of communication (to the axis of at acurrent in the place of determination not less than 1, for a depth of 0.1	is spray all and of high-ale and send send send send send send send se	14	
3476	048_UA05448610_0041	Equipment	Laser ELU leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-i LCD display (touch screen) Response time For 0. Measuring method Tunable dische-based laser also spectrometer (TDLAS) Operating time 5.8 hours per hours) Power supply Lithium-ion battery Beam size 2 at a distance of 30 m > 30 m depending on the of reflection Weight 1.6 kg Dimensions 237 x 167 x; Measurement range 0 - 50,000 parts per million Sen parts per million at a distance of 0 - 10 m 20 parts p at a distance of 10 - 30 m Operating temperature - 1 Humidity from 5 to 90% RH without freeing Protec 1954 USB connection, Readphone, DC connector Ac Headphones, belt, bag, charger Accessories Setting	ec. ption arge (6 ~ 30 cm ct of mm from ivity 10 million oo 50°C n class essories	7	
3477	048_UA05448610_0042	Equipment	Heat gun 5 kW	* Service area, kV. m - 50; * Power, W - 5000; * Inst Floor; * Type of coolant - electric; * Type of heating ceramic; * Purpose - Industria; * Management - men Type of heating - Fan; * Number of heating mode Warranty - 36 months of florical warranty from manufacturer * Protection functions - Protection overheating * Features - The handle for movement In - 220 I move * Voltage, In - 220	ement - anical; * - 2; * ne ainst	7	
3478	048_UA05448610_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W - 2300 * Number of speeds - 2 * Mains vo 220 - 240 * Features - Adjustable speed * Maximum diameter - 250 mm * Warranty - 24 months		1	
3479	048_UA05448610_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)	For work (flow stop) on pipelines of small diameter to Du 50 mm (3/4 - 2 inches) and working pressure bar		17	
3480	049_UA03345716_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Enging 2GD-FTV Type: turbocharged diesel engine 1.4 / 16-vz Felut Pype: Eurobcharged diesel engine 1.4 / 16-vz Felut Pype: dieselsel fuel with techen number of 48 or Displacement (cm3): 2393 Cylinder diameter x pists (mm): 92.0 x 90.0 Compression natio: 15,6: 1 Massim (kW (hp) at rpm): 110 (150) / 3 400 Maximum torqui rpm): 300/1 600 - 2000 Environmental standard: Transmission Type: 6-speed manual Drive type: all-w with the possibility of disengaging the front ask connecting a reduced gear Dynamic Indicators Ms speed (fur h); 120 Acceleration - 10 for Mr h (s): 5 yeard (fur h); 120 Acceleration - 10 for Mr h (s): 5 yeard (fur h); 120 Acceleration - 10 for Mr h (s): 5 yeard (fur h); 120 Acceleration - 10 for Mr h (s): 5 year (size fuel with cetane number of 48 or h).	e DOHC igher stroke n power N·m at JRO 6 el drive nd mum 3 Fuel	19	

3481	049_UA03345716_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Mwed cycle: 7.1 / 100 Nm Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Yipe: Mechanical Drive: Front Quantity gears: SBRAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	24	
3482	049_UA03345716_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	12	
3483	049_UA03345716_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	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	Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [V c] -1.0 40, lat relative humidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 6.48 (D.5 V adjustable) Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Polymory 200 last stitches Printing and copying parameters USA [8-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] (93.9, 64.7)	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 +00 (at relative humidity-C785) Storage temperature range [°C] -20 +50 Supported SDR 9, 11, 136, 17, 176, 212, 65, 276, 633, 41 Parameters of manual power supplies Parameters, Machine type Km1400 Dimensions (mm) 3005-20x-505 Pressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions (mm) 6803-20x-600 Pressure adjustment proportional valve Pressure adjustment range [bar] -90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters [Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heading plate parameters Parameters / Machine type Km1400 Temperature control range [°C] 180-240 Dimensions (height height] [mm] 600x80x150 Weight [kg] 51 Heading	from	5	
3485	049_UA03345716_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	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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 ³ (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, 1 / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterlockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes	from	5	

3497	049_UA03345716_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 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, I / 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, I / 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 DASO to DUSDform, with a maximum working pressure of 12 kg / 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) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Ob 50-150) - 15 / SS3 12 bar (required for work for diameters of Du 50-150) - 15 / SS3 12 bar - 15 / S		from	5	
3501	049_UA03345716_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Wadraf LinOl Imm, 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 - nish-pressure discharge lamp DNAT with a capacity of 600W, £80 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 50 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 - 600MSOMSOM (h) mm. Total weight with generator - 600MSOMSOM (h) mm. Total	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 GEVERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine humber of cylinders F Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 51234146531495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg IpS Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 3507	049_UA03345716_0027 049_UA03345716_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from	10	
3507	049_UA03345716_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon battery 2100 mA / h , clip belt	from	96	

3511	049_UA03345716_0032	Equipment	Complete set: *10m knose -tpc: *kuber orgated tube- Hose gas masks (hose length 10 m) Complete set: *10m knose -tpc: *kuber orgated tube- 2pc: *Belt -tpc: *Shoulder -tpc: *Smulpt orgation = 10m sknose -tpc: *pc: *Dust filter -tpc: *SMP mask -2 pcs *SMP mask -2 pcs **The property of the property of	from	96	
3512	049_UA03345716_0033	Equipment	Power supply - battery,* Charging method - 12 V / 220 V,* The lights are explosion-proof lights.	from	144	
3513	049_UA03345716_0034	Equipment	* Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating. Life jackets * Life jackets * *Sandard: CSUL VI 361-31/7, SOTU Le N38-27/7, SOTU Le N3	from	96	
3514	049_UA03345716_0035	Equipment	The rescue halyard Breaking load, bit. 1-50 Material - Polyamide * Type - Fall protection system - Legaty. m. 1.2	from	96	
3515	049_UA03345716_0036	Equipment	Dimensions: 149-155 x S8 x 34 mm (without "swan neck")+ Swan neck 162 mm Weight: approx. 400 glosplay: backlit LCD graphic display with 128 x 64 glosplay with 1	from	48	
3516	049_UA03345716_0037	Equipment	128 x 64 pixel LCD display, backlight NiMH battery pack Operating temperature -10 ° Co +40 ° Coperating 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 mJ), Charging time approx. 8 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IP54 Dimensions 200 x 10 x 87 m Weight approx. 1.250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex it d IIB T3 / T4 Gb	from	120	
3517	049_UA03345716_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type) *Weight of extinguishing agent, tg > 5 * Type - Carbon dioxide fire extinguishers (OU-5 type) *Weight of extinguishing agent, tg > 5 * Type - Carbon dioxide - 5 * Type - Carbon d	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	Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected, thereference immunity Reatins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog arginshi scale and sound signal separately for magnetic and electric antennas. Numerous values for the eight and relative values of the depth and relative values of the depth of the magnitude of the current. "Pudations" 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". Route finder SPRUT-17 Route finder SPRUT-17 1. Operating frequency (*f work.), Hz 100, 150, 1020, 5000 2.2 Bandwidth at the level of 17, from slave 2.5 % a Attenuation of signals with a frequency of 50 thz at f work, dis 100, 150 ht not test stan 110 at frox, dis 1200, 5000 Attenuation of signals with a frequency of 50 thz at f work, dis 100, 150 ht not test stan 110 at frox, dis 1200, 5000 Attenuation of signals with a frequency of 50 thz at f work, dis 100, 150 ht not sets stan 120 at 50 calculation of signals with a frequency of 50 thz at f work, dis 100, 150 ht not sets than 100 at 50 calculation of signals with a frequency of 50 thz at f work, dis 100, 150 ht not sets than 100 at 50 calculation of signals with a frequency of 50 thz at form of the sets than 200 and, for a depth of 01 n 100 m, at 1-1000 kt, not more thank? 2.7. Number of measurement values registered, 3000 & Current consumption (newage), mat 200 - Continuous operation time, hours, not less than 10	from	24	
3520	049_UA03345716_0041	Equipment	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 (TUALS) Operating times 8 hours per charge (6 hours) Power supply Littlem on 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 and addistance of 10 m 30 m depending on the sensitivity 10 parts per million at a distance of 10 m 30 m dops rather million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per per million at a distance of 10 m 30 m dops per	from	12	

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 - Industria; * Management - mechanica; * 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 Imove * Voltage,	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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHC Fuel type: Glees fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6c: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 3.00 (150 00 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ask draw and connecting a reduced gear Dynamic indicators Maximum speed (km / hj: 170 Acceleration 0.100 km / h (s): 3.35 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 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Oylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 to 100 km / h Mixed cycle: 7.1 I / 300 km fuel tark: 70 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: Se BEAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	21	
3526	050_UA03361046_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	
3527	050_UA03361046_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm printer for thermal printing; Centronics-USB or R5232-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 -1.0 + 40, for tealitve humidity -75%) Output power (V) 2500 Required unit power (W) 3000 Housing density class (°F 45 Max. operating current (A) -630 Operating voltage range (V) 6-48 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 40) operating voltage range (V) 6-50 Operating voltage range (V) 6-64 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 5 V adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated (LD display length Working wires [m] 3 Interchangeable lugs [mm] (33.9, 64.7)	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 sides, 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 humlidity-C750) Storage temperature range [*C] -20 +50 Supported 50R 9, 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters Af Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional vehe Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters*, Machine type Km1400 Dimensions [mm] 680x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -0 0 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters (PM Machine type km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x80x150 Weight [kg] 51 Heating plate parameters Parameters Parameters Parameters parameters (PM Achine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x80x150 Weight [kg] 51 Heating plate parameters Parameters (PM Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x80x150 Weight [kg] 51 Heating	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)	from	10	
3531	050_UA03361046_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 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 (idling): 6600 rpm	from	31	

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 (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 β 1 \ 2 " L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LuWxH), 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4	
3542	050_UA03361046_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 RAVETI1 (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSO to Dut.50mm, 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 2 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps3 - 1.0 bide of the internal cap art. 715 for art. 530 (necessarily necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 52 Sz1 2 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop system - 351 works SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop had 03 12 1/2 - 2 pc4 . Stop with common size of the stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 - 1 p	For works (flow stop) on pipelines with a diameter of Du 50	from	4	
3545	050_UA03361046_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pc Spare lamp - 1 pcs Stretch marks not less - 3 pcs Byentel - Rodract LOAD iom, 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., £40 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 hop-line for 10 misses. Time of full inclndation time of the top-linder - up to 60 see., Time of full inclndation: In 65 Mc 10 misses. The farm of the control of the contro	from	21	

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 Continuous operation time 12 h Engine and device characteristics Engine mode (ENERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of voltinder 5 Cooling [judid cooling Engine manufacturer Generax Nominal power 240 kW Dimensions 51223.1463.1495 km mWarranty 12 months Installation type stationary Fuel brand Main gas N6 + gas propose / butane kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noble level 66 d8	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	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; 32; 42; 79, 30; 20; mm; ratche handle: 1/2 "mechanism; 1/2 "extenders: 75, 125; 250 mm; cardan joint 1/2"; olstric sulticase	from	62	
3550	050_UA03361046_0027	Equipment				Rail jacks		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, I / min - 230 I / min Shape - Horizontal Tank volume, I - 30 I Compressor yepe - Piston Corvoyov wheels	from	4	
3553	050_UA03361046_0030	Equipment				Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm. fi	from	21	
3554	050_UA03361046_0031	Equipment				325 mm to 720 mm 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		83	
							g uninensions 57 x 116 x 50 min Options - 17, clariger, u-ion battery 2100 mA / h. clip belt Complete set: * 10m hose - 1pcs * Rubber corrugated tube -			
3555	050_UA03361046_0032	Equipment				Hose gas masks (hose length 10 m)	1pcs * Dust filter - 1pcs * SMP mask - 2 pcs	from	83	
3556	050_UA03361046_0033	Equipment				The lights are explosion-proof	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." Materials polyamide, polysets; steel with a protective coating; * Standard: DSTU LH S61-2017, DSTU EN 385-2017, DSTU EN 813: 2017, "5 Statle breaking load - not lest shart 15 kN," Dimensions (walst circumference) - 5 (deform - 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 / manganess cells in the battery holder type Unzell industrial IDSO, nated voltage: 6 volts or 4 secondary NIMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging ime: approx. 6 hours before full charge Charging voltage: 11 14 volts O.C Charging primary max SOPAM (size) loses rate terine; 15 bors.	from	41	
3560	050_UA03361046_0037	Equipment				GOLIATH gas analyzer or similar	Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x 87 mm Weight approx. L 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-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon	from	207	
3562	050_UA03361046_0039	Equipment				Metal detector	# Dissipation to Vo. # Call belowing and # Man.	from	10	

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 Relatins 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. Nemerous values for the system of "magnetic" antennas. Measurement canimation of the depth and relative values of the magnitude of the current" pudsations? Oirect 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 (# work.), Hz 100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from falses ± 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dis 100, 500 Hz not less than 10 at f rob, dis 1003, 5000 Hz not less than 115 at 700, dis 1003, 5000 Hz not less than 155 4. Sensitivity to the input of the receiver relative to the signal / noise 668, µ/v not worse than 0.2. Deviation of the determined value of the depth of communication (to the asis of the route), at a current in the place of determination not less than 200 ms, for a depth of 0.1. 10, ms, at 1. 2019 Hz, not more than% ± 2.7. Number of measurement values registered, 3.000 8. Current consumption (average), ma 1209. Continuous operation time, hours, not less than 10	
3564	050_UA03361046_0041	Equipment	Laser ELLI leak indicator	Technical data Gast Methane (C144) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDL4S) Operating time 5 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 10 ~ 50 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS4 USB connection, headphones, DC connector Accessories Headphones, belt, bug, charger Accessories Setting device	
3565	050_UA03361046_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 500; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of difficial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 move * Voltage, In - 220	
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, 8 - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warrarty - 24 months	
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 from 25 bar	
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: 2Gb-FTV Type: turbocharged diesel engine Id / 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· mat rpm)): 400/15 600 - 200 Environmental standarde: EUBO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengagine the front ask and and connecting a reduced gear Dynamic indicators Maximum speed (hm / h): 170 Acceleration 0-100 km / h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher	
3569	051_UA03346331_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar	ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 pm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERDORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Niwed cycler: 2.11 / 100 km Put anta: 70 1Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Divers Fort Olumbir (games: 5 BREAKS Front: Ventilated discs. Rear: WHEELS discs. Discs: Steel Disc size: 16 *	
3570	051_UA03346331_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 02.6 - 6.0 mm Frequency 50/60 Hz 50/60 Hz	

3571	051_UA03346331_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine. Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 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 -1 0-4 04] of teatlethe bunishing -5758) Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 6-48 (0.5 V adjustable) Operating voltage range [V] 6-64 (0.5 V adjustable) Operating time range [s] 0-4990 [t 3 adjustable) Experimental printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] (93.9) 647.	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	supply parameters Parameters / Machine type KmT400	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 Puration 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		Mechanical drive type: working area: diameter: 32-90 mm.	from	90	
3576	051_UA03346331_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	90	
3577	051_UA03346331_0010	Equipment	diameter of 90-250 mm Angle grinder of 1,5 kW		Maximum disk diameter 180 mm Power supply 220V Power	from	113	
3578	051_UA03346331_0011	Equipment	Angle grinder of 2,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed	from	68	
3579	051_UA03346331_0012	Equipment	2.2 kW perforators		(idling): 6600 pm 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 I Vibration 15.9 m 5 (drilling) 13.7 m ² (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LvWxH), 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	9	
3586	051_UA03346331_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21	from	9	

3587	051_UA03346331_0020	Equipment				Impact wrench IW12 (Stanley)		Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, I / 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 DuSto to USISform, 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 Ds 05-150) - 1 pc 2 Drilling machine (art. 230) is used with Stop system SS1 / SS3 12 bar (required for work for diameters Ds 05-150) - 1 pc 2 / SS3 12 bar (required for work for diameters Ds 05-150) - 12 pc 3 / SS3 12 bar (required for work for diameters of Ds 05-150) - 12 pc 3 / SS3 12 bar (required for work for diameters of Ds 05-150) - 12 bars - 1 pc 4. Stop system - 33 to 150 est 05-150 - 100 - 12 bars - 1 pc 4. Stop system - 35 to 150 est 05-150 - 100 miner diameter of Ds 05-150 system - 3 model SS3 12 bar (Ds 150 miner diameter of Ds 100-12 bar - 1 pc s 12 bar - 1 pc s 13 miner diameter of Ds 05-150 system - 3 model SS3 12 bar (Ds 150 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 100-12 pc s 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of Ds 10 with SS3 12 bar - 1 pc s 12 miner diameter of	En works (flow stool on pinelines with a filmoster of N. S.)	from	9	
3589	051_UA03346331_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs gettol generator Konner & Sohnen KS 3000 - 1 pcs Gover for storage of installation - 1 pcs Spare lawny - 1 pcs Stretch marks not less - 3 pcs 'Peg metal - Nod	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 micuses. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. largess 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 beriod of poration 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 S0 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics. Engine model GENRAC 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 51234.4663.1495 mm Warranty 12 months Installation type stationary Fuel brand Main gas N6 + gas propane / butane kg LPG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 3596	051_UA03346331_0028 051_UA03346331_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	9	
3597	051_UA03346331_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	45	
3598	051_UA03346331_0031	Equipment				325 mm to 720 mm 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-lon 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 388-2017; DSTU EN 381-2017; DSTU EN 381-2017; DSTU EN 361-2017; DSTU E	from	180	

3602	051_UA03346331_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	om	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 bisplay: backlit LCD graphic display with 128 x 64 publes + symbols Power supply; 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial IDISO2, rated voltage: 6 volts or 4 secondary NiMHt 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 criterion may 500/bm (files) longering times 15 hours.	om	90	
3604	051_UA03346331_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 Charping The charger is powered by LYD Cor 230 VA. Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 3 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex ilo d IB T3 / T4 Gb	om	225	
3605	051_UA03346331_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 *Type - Carbon dioxide	om	450	
3606	051_UA03346331_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	om	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 emperature of the depth and relative values of the emperature of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth and relative values of the two depth of the o'occurrence" of communications and the relative magnitude of the variable component of the flowing current and "potential". 1. Operating frequency (1 work.), Int. 100, 150, 100, 500. 20. fm and with a the level of 0.7 from 1 slave ± 5% a Attenuation of signals with a frequency of 50 ft at 1 work, dis. 100, 150 ht not less than 110 at 17 rb, dis. 1200, 5000 ft not less than 125 a. Sensitivity to the input of the receiver relative to the signal o') noise 68b; IV not worse than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation on the determined value of the depth of 0.1 m. 10m, at 7 ± 1200 ft, not more thank 2.2.7. Number of measurement values registered, 3.000 8. Current consumption (averagio, mal 20.9 continuous operation time, hours, not less than 10	om	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 Lthium-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 enstrivity 10 parts per million at a distance of 10~30 m Operating temperature 2.70 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS4 USB connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device	om	23	
3609	051_UA03346331_0042	Equipment	Heat gun S 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; * Warrany - 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	om	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	om	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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHC fuel type: diese flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at 7mm): 4.400 f. 600 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front sale 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: 2.01 (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 Maked cycle: 7.1 1 / 100 km Fuel tank: 7.0 f Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP ype: Mechanical Driver: Front Quantity gears: 5 BEASK 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 ZTS / 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 39, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range * [mml up to 250 mm Barcode scares Supply oblige [V] 230 Operating temperature range [*] -130 +40 [at relative humidity <75%] Output power [V] 2500 Required unit power (W) 3000 Housing density class IP & Max. operating current [A] <36 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t s adjustable) Experating prime range [s] 0-4999 [t s adjustable) Experating prime range [s] 0-4999 [t s adjustable) Experating prime range [s] 0-4999 [t s adjustable) Experiment primer memory 200 last stitches Priming and copying parameters USB / RS-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] (9.35) (9.45)	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] - 104 40 (at relative humidity-75%) storage temperature range [* C] - 105 50 Supported S0N 9; 11; 13.6; 17; 17.6; 21; 6, 6; 76, 6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm) 300x520x505 Pressure control proportional valve Pressure control range [bar] - 90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm) 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] - 90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Machine type Km1400 Pex. [rm] 20 Dimensions (Width) height (mm) 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [* C] 180-240 Dimensions (height height (mm) 600x80x150 Weight [kg] 16 height height (mm) 600x80x150	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 puration 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	Ī	7
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	from	67		
3623	052_UA20578072_0012	Equipment	2.2 kW perforators		(Idling): 6600 rpm Nower 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 159 m, 5 (drilling) 135 - m / 2 (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: $RVT \not \! D1 \setminus 2 \ ^{u}L = 10m$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75	from	9		
3625	052_UA20578072_0014	Equipment	Heavy jackhammer, 8RV20 Stanley, included		Handle type T-shaped, anti-vibration Oil flow, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 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, I / 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, I / 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	from	9	
3629	052_UA20578072_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	9	
3630	052_UA20578072_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LvWxH), 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, I / 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 DuSto to DuStoffmn, with a maximum working pressure of 12 kg / cm² and the possibility of laying a bipass 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 ps2 . Drilling machine (art. 230) is used with Stop system SS1 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 . Stop Stop Stop Stop Stop Stop Stop Stop	For works (flow stop) on pipelines with a diameter of Du 50	from	9	
3633	052_UA20578072_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc; Svertch marks not less - 3 pcs Peg metal - Wolard ToOJ Imm, 350 mm long - 3 pcs Spare air filter - 1 pcs		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 ECRNEAC 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 51224146541954 m Warranty 12 months Installation type stationary Fuel brand Main gas NG - gas propane / butane 8 µ LDR Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Note level 66 d8	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 - horr 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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Hexagonal end heads 12" - 68, 81, 91, 11, 12, 13, 14, 15, 16, 18, 18, 19, 20, 21, 12, 22, 24, 27, 93, 28 mm, rahandle, 1/2 mechanism; 1/2 "extender: 75, 125, 250 mm; cardan joint 1/2" extender: 75, 125, 250 mm; cardan joint 1/2" extender: 75, 125, 125, 125 mm; cardan joint 1/2" extender: 75, 125 mm; cardan joint 1/2" extender: 75, 125 mm; cardan joint 1/2" extender: 75, 125	from	135	
ail jacks Joac Suricese load capacity 5 t	from	18	
ulic jacks 5 t. load capacity 5 t	from	18	
Power type - Maine Power, W - 1500 W Pressure, bar - 10 bar sor up to 10 At Productivity, I /min - 220 I /min Shape - Horizontal Tank volume, I - 501 Compressor type - Piston Conveyor wheels	from	9	
pipes with a diameter from Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	45	
m to 720 mm Range not less than 30 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 26. g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lon battery 2210 m 4/h , by jibr	from	180	
Complete set: * 10m hose - 1pcs * Rubber corrugated tube - 2pcs * Beth - 1pcs * Spoulder strap - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Signal rope 10m - 1pcs * United - 1pcs * Unite	from	180	
Power supply- battery, ** Charging method : 12 V / 220 V;** re explosion-proof Ingers protection: P66; ** Power supply- Type - manual. ZONE 2; ** Battery type - built-in battery; ** Type - manual.	from	270	
* Safety belt combined with shoulder and leg straps; * Material; polyamide, polyester, steel with a protective content * Standard: DSTU B 363-2017; DSTU B 183-2017; DSTU B 184-2017; DSTU B 184-2017; Static breaking load - not less than 15 kN; * Dimensions (waist courference) - \$ (640-200m); M (850mm - 1300mm); L (1100mm - 1500mm); M	from	180	
scue halyard Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	from	180	
Dimensions: 149-165 x 58 x 34 mm (without "swan neck")+ Swan neck 152 mm Weight: approx. 400 g Display: backlit LCU graphic display with 128 x 64 pixels - syndrow supply. 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rated volley. 6 voltor of 4 secondary NiMH cells in the battery holder, rated voltage: 43 volts, rated power: 2700 mAh Charging they oblige row. 5 hours before full charge Charging voltage: 11 14 volts Dc Charging current max. 500m Affices) operation = 15 hours (without backlight), warning message if recharging required, automatic shut-of when voltage is tow Ambient temperature: during operation: -20° C to + 50° C Display- visual: digital concentration readings, (pm) own Ambient temperature during operation: -20° C to + 50° C Display- visual: digital concentration readings, (pm) or Ambient sensitive to vibration depending on concentration-riprinciple of operation: Semiconductor sensor (SC) Measurement accuracy 0 - 1,000 ppm ± 20% of the final value 1,000 ppm ± 20% of the final value Reaction time: 190 s 10 sec.	from	90	
Data storage A M8 flash memory for more than 1 million measurement values Protection type IP-54 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX 8VS 09 ATEX E 079 X - EX II 2G Ex ib d II 8T 3 / T4 Gb	from	225	
extinguishers (OU-5 type) * Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	from	449	
* Directionanter - Ver * Soil balancing - manual * May	from	22	
voltage transmission lines. Indication Analog graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth antelitive values of the the depth of the the superior of the production of the common of the syndations. Divect 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, JH = 100, J50, 1020, 5000 2. Bandwidth at the level of 0.7 from 1 siave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at two sizes. 100, 150 Hz not less than 138 4. Sensitivity to the injury of the receiver rest to the signal, noise 6d8, JiV not worse than 2.5. Sensitivity to magnetic field mA / m not worse than 0.2. Sevaition the determined	from	45	
	Depending on application and lighting Charging Technique proversed by 12 VD Co. 230 VA. Time charging approx. 3 hours use analyzer or similar 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 IPS4 Dimensions 2001. 100 x 87 mm Weight approx. 1.250 g Explosion protection ATEX BVS O9 ATEX E 079 X - Ex II 26 Ex Ib d IB 13 / 14 G b	Depending on application and lighting Charging The charger is powered by 12 VO C 230 VA. C, Time Co. 230 VA. Co. 230 VA. C, Time Co. 230 VA. Co. 230 VA. C, Time Co. 230 VA. Co. 230 VA. C. 2	Depending on application and lighting Charging The charger is powered by 12 Vo C a 230 VA. C, Time Or 250 VA

3652	052_UA20578072_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 s.8 hours per charge (6 hours) Power supply Lithlum-on battery Ream size 2.5° 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 are stated to the size of 0° 10 m 20 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 50% RH without freezing Protection class 1954 USB connection, headphones, C connector Accessories Headphones, belt, bag, charger Accessories Setting device	from	22	
3653	052_UA20578072_0042	Equipment	Heat gun S kW		* Sentice area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coalant - electric; * Type of heating element - ceramic; * Purpose - Industria ; * Management - mechanica ; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 58 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 I	from	22	
3654	052_UA20578072_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_UA20578072_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: 26D-FIVType: turbocharged diesel engine 14, 154-valve DOHC Fuel type: diese flue 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 (km): 92.0 x 90.0 compression ratio: 15.6: 1 Maximum power (km): 10: 10: 00.0 compression ratio: 15.6: 1 Maximum power (km): 10: 00.0 compression ratio: 15.6: 1 Maximum power (km): 10: 00.0 compression stroke: N = 0.0 compression flue (km): 10: 00.0 compression stroke: N = 0.0 compression flue (km): 10: 00.0 compression flue flue flue flue flue flue flue flue	from	10	
3657	071_UA03365222_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (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 Medec cylee: 1.1 I (1900 km Petel tank: 6.7 lb (1900 km Petel tank: 6.	from	13	
3658	071_UA03365222_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	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 2T35 / 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 39, 4.7 mm Printing Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.	E4 May operating current [A] <62 Operating voltage range [V]	from	в	
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	supply parameters Parameters / Machine type KmT400	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 Mominal welding current, A 200 Maximum operating current, A 200 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welling 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 / s² (chipping) Dimensions 599 x 130 x 287 mm dustproof catridge 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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / 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	from	3		
3673	071_UA03365222_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3		
3674	071_UA03365222_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LWXxH), 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, I / 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 DuSO to DuSDomn, with a maximum working pressure of 12 kgf / cm² and the possibility of laving a bipass line, complete with small mechanization.	90mm - internal diameter of a pipe) - 2 pcs 5 Viewing device for Stop system 55 11 2 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 custom SC3 11 bar 1 are - 0. Stop custom 2 a model SC3 11 bar -		from	3		

3677	071_UA03365222_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Wadrat 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, £40 cartridge, tumbinous flux - 9,6000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - 100 to 5 sec. Time of 100 limits of 100 l	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 facto 0.8 Continuous operation time 12 Hz Righe and device characteristics Engine model GENEARC Gas consumption 438 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling Riquid cooling Engine manufacturer Generac Nominal power 240 kW Dimessions 5123446534958 mW Jerranty 12 months Installation type stationary fuel brand Main gas NG + gas propane / Undarte By LPG Weight 35 power 275 kW Threephase voltage (380 V) Features hour meter emergency stop system Noise level 66 dd	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 - horr 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	3	
3685	071 UA03365222 0030	Equipment		Centralizers for steel pipes with a diameter fro	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	13	
3686	071_UA03365222_0031	Equipment		325 mm to 720 mm 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 , (ij) 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 * SMP 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; \$\$ tslandard: DSTUE N 361-2017; OSTUE N SS-2017; OSTUE N S83: 2017; * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) - (\$ [460mm - 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 LDC applict display with 128 x 64 pixels: symbols Power spikel pixels with 128 x 64 pixels: symbols Power spikel pixels with 128 x 64 pixels: symbols Power spikel pixels with 42 x 64 pixels with 128 x 64 pixels	from	25	

3692	071_UA03365222_0037	Equipment	GOLIATH gas analyzer or similar	Operating temperatur Depending on applicatio powered by 12V DC or 2. US port (specified at St Data storage 4 M8 fia measurement values 9 10 x 87 mm Weight	pplay, backlight NIMH battery pack re- 10° Ct to +40° C' Operating time re- 10° Ct to +40° C' Operating time re- 10° Ct to +40° C' Operating time sold V.C. Time charging approx a. Shours of Nayl, Charging time approx 8. Abours showers of the control of the Cont	63	
3693	071_UA03365222_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguis	hing agent, kg - 3.5 * Type - Carbon from	126	
3694	071_UA03365222_0039	Equipment	Metal detector		s * Soil balancing - manual * Max. ore than 1.5 * Warranty - 24 months from	6	
3695	071_UA03365222_0040	Equipment	Route finder SPRUT-17	electropotential anterno protected. Interference poperational characteristic voltage transmission lin sound signal separatel Numerous values for Measurement (estimath the magnitude of measurement (estimath the magnitude of measurement. num 'occurrence' of communi the variable component 1. Operating frequency, Bandwidth at the level of signals with a frequence not less than 110 at froil 4. Sensitivity to the input noise 668, I/4 not worse m/s / m not worse that value of the depth of co. at a current in the plad m/s, for a depth of 0.1. ± 2.7. Number of measurement current consumption.	onic unit connected to magnetic and has into a single structure. But's gray is immunity flexibilities to eliminate the single structure and the single structure and the single structure. But's gray is immunity flexibilities to eliminate single single structure and single structure	13	
3696	071_UA03365222_0041	Equipment	Laser ELU leak indicator	LCO display (touch some method It spectrometer (TDLAS). (hours) Power supply Lift at a distance of 30 m reflection Weight 1.6 Measurement range 0 parts per million at a distance of 10 -30 Humidity from 5 to 50% Hemidity From 5	hane (CH4) LCD display 2.8-inch color creen) Response time For 0.2 sec. mable diduce-based laser absorption perating time 5 8 hours per charge (6 lium-in-oib battery Beam size 25 ~ 30 cm 25 m depending on the object of kg Dimensions 237 × 126 × 74 mm 50,000 parts per limilion Sensitivity 10 tance of 0 ~ 10 m 20 parts per million moderating temperature -17 to 50°C. RH without freezing Protection class adophones, DC connector Accessories , charger Accessories Settling device	6	
3697	071_UA03365222_0042	Equipment	Heat gun S kW	Floor, "Type of coolant ceramic," Purpose - Ind Type of heating - Tam Warranty - 36 mor manufacturer * Prote overheating * Features	50; * Power, W - 5000; * Installation - electric; * Type of heating element - strain; * Type of heating element - strain; * Management - mechanical; * ; * Number of heating modes - 2; * that of official warranty from the ction functions - Protection against - The handle for movement * Voltage, nove * Voltage, in - 220	6	
3698	071_UA03365222_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	220 - 240 * Features - /	hber of speeds - 2 * Mains voltage, B - Adjustable speed * Maximum drilling mm * Warranty - 24 months	1	
3699	071_UA03365222_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		pipelines of small diameter Du 20 mm iches) and working pressure up to 12 bar from	15	
3700	083_UA20413052_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2GD-FIV Type: turbocha Fuel type: diseaf lue! Displacement (em); 2; 2; (mm) 19,20, 90,00 Comp (kW (hp) at rpm); 101 (1 rpm); 100/1600 - 2 (Transmission Type: 6-3pe) with the possibility connecting a reduced speed (km / h); 170 Acc	ch 4x4 Business Engine Engine code: rged diesel engine L4 / 15-valve DOHC with cteane number of 48 or higher 933 Cylinder diameter x piston stroke resion ratio: 15,6-1 Maximum power 50) / 3 400 Maximum torque (N · m at 00 Environmental standard: EURO 6 eded manual Drive type: all-wheel drive of disengaging the front able and gear Dynamic indicators Maximum clearation 0-10 Mor 1 (s): 13.3 Fuel th cetane number of 48 or higher	4	

3701	083_UA20413052_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (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 Maked cylee: 7.1 I/ 300 km fuel tank: 70 lF uel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Driver: Front Quantity gears: 5 BeRAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	from	5	
3702	083_UA20413052_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	
3703	083_UA20413052_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	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	Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [**O -1-0 40] of treatilety humidity -575% (Output Owner [V] 2500 Required unit power [W] 3000 Housing density class [**O Edwards of Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t s adjustable) Operating time range [s] 0-4999 [t s adjustable) adjustable) and operating voltage strikes Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] 93.9; 94.7	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	Welding machine parameters Supply workage [V] 230 Operating temperature range [*C] -10 +40 (at relative humidity -675%) Storage temperature range [*C] -20 +50 Supported 50% 9; 11; 136; 17; 17; 6; 21; 26; 27: 6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] -09 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions [mm] 880x320x360 Pressure adjustment rappe [bar] -090 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters (Machine type Km1400 Rev [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Rev [rpm] 20 Dimensions (Width) height [mm] 600x80x150 Weight [kg] 51 Heating plate parameters Parameters / Wachine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [mm] 600x80x150 Weight [kg] 16	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 Davation 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	
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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 / s² (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes	from	1	

3717	083_UA20413052_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 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, I / 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, I / 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 DASO to DUSDform, with a maximum working pressure of 12 kg / 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) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Ob 50-150) - 15 / SS3 12 bar (required for work for diameters of Du 50-150) - 15 / SS3 12 bar - 15 / S		from	1	
3721	083_UA20413052_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Wadraf LinOl Imm, 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, £80 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 50 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 - 600MSOx6000 (h) mm. Total weight with generator - 000 55 kg.	from		
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 GFMEAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine humber of cylinders F Cooling fluid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 51234168514985 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg IpG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 3727	083_UA20413052_0027 083_UA20413052_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from	2	
3728	083_UA20413052_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon battery 2100 mA / h , clip belt	from	20	

	1			
3731	083_UA20413052_0032	Equipment	Hose gas masks (hose length 10 m)	Complete set* 1 tim hose - 1pos * Bubber corrugated tube - 2pcs * Bel+ - 1pcs * Soulder strap - 1pcs * Signal rope 10m - from 20 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs
3732	083_UA20413052_0033	Equipment	The lights are explosion-proof	Power supply - battery; * Charging method - 12 V / 220 V; * Ingress protection: IP65; * Housing: polymer; 2 'Zone of use - 2 / 20 Me 2; * Battery per boulkin battery; * Type - manual.
3733	083_UA20413052_0034	Equipment	Life jackets	* Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: DSTUE MS-61-2017, ISTUE NS-83-2017, PSTUE NS-83-2017, PSTUE NS-83-2017, PSTUE NS-83-2017, PSTUE NS-8133: 2017, * Static breaking load - not less than 15 kN; * Dimensions (walst circumference) - \$(460mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);
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 S8 x 34 mm (without "swan neck") + Swan neck 152 mm Weight: approx. 400 g Display: backlit LCD graphi: display with 128 x 64 pixels + symbols Power supply: 4 primary alkailane / managenese cells in the battery holder type Duracell Industrial 1015:00, 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. 1.4 volts DC Charging current: max. 500mA (fuse) Operating time: approx. 6 hours (without backlight), warning message fresharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: 20° C to 50° C Display: visual: digital concentration readings, (ppm, vol4%, &t.EL, bPa / mbar) acoustic: concentration dependent sound signal- sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Messurement accuracy; 0 - 1,000 ppm = 2 vol. of the final value Loud - 10,000 ppm ± 20% of the final value (Loud - 10,000 ppm ± 20% of the final
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 USS port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MB fish memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x 87 mm Weight approx. 4.250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb
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 Relatins 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." Numerous values for the system of "magnetic antennas. Numerous values for the system of "magnetic antennas. Measurement (sumitation of the depth and relative values of the magnitude of the current "pubations") Oirect 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 (* work.), Hz 1.00, 15.00 100, 5000 12. Bandwidth at the level of 0.7 from f 14se = 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, d8: 100, 150 Hz not less than 110 at fro, d8: 1020, 5000 Hz not less than 110 at fro, d8: 1020, 5000 Hz not less than 110 at fro, d8: 1020, 5000 Hz not less than 110 at 53. 4. Sensitivity to the input of the receiver relative to the signal / noise 668, µt 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 1.1 — 10, m. 4 f 1.000 Hz, not more than% a 2.7. Number of measurement values registered, 3.000 8. Current consumption (average), ma 1209. Continuous operation time, hours, not less than 100
3740	083_UA20413052_0041	Equipment	Laser ELU 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 Jaser absorption spectrometer (TICNAS) Operating time 2.8 hours per charge (6 hours) Power supply Lithium-ino-in battery Beam size 25 ~ 30 cm at a distance of 30 ~ 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 Humidiny from 5 to 90% RH without freezing Protection class IPS4 USB connection, headphones, Dc connector Accessories Headphones, belt, bag, charger Accessories Setting device

3741	083_UA20413052_0042	Equipment		Heat gun 5 kW		*Service area, Iv/. m - 50; * Power, W - 5000; * Installation- Floor; * Type of coolant - electric; * Type of heating element - -eramic; * Purpose - industrai; * Management - mechanicaj; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 monts of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement* Voltage, In - 220 Inowe * Voltage, In - 220	from	3	
3742	083_UA20413052_0043	Equipment	Installation of 6	f 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-STC	TOP 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 Hil	Hlux 4 * 4 pickup or similar		2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine Code: CRD-FTV Type: turbocharged diesel engine (4.7 12-valve DOHC Tell type: cliede litel with cetaen unmber of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke min: 92.0 x 90.0 Compression ratio: 15.6 1 Maximum power (kW (hp) at rpm): 110 (150) / 3.400 Maximum torque (N· màt rpm): 3-00.0 2 mol renorment standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengageing the front asle and connecting a reduced gear Dynamic Indicators Maximum speed (lm / h): 170 Acceleration - 10 km / h (b): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher	from	4	
3745	077_UA03351734_0002	Equipment	Volkswagen T6.	6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 hm at 3000 rpm. Cylinders: 4 Engine type: diesel engine superharger: Turbine PERFORMANCE diesel engine Superhargers (154 km / h Acceleration: 14.3 st to 100 km / h Mixed cycle: 7.1 / 100 hm Per Lank: 70 I more 154 km / h Acceleration: 14.3 st to 100 km / h Mixed cycle: 7.1 / 100 km / m Fuser: 5 MEX. Power: 5 MEX. Pow	from	5	
3746	077_UA03351734_0003	Equipment	Autonomous we	velding 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		chines for thermistor welding of pige pipes like Kamitech included 3	ipes 110, 125, 140, 160, 180, 200 mm; interchangeable tips 1.9, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data	Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [C - 104-60] e traither humidity - 75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 4500 A Max. operating ourrent [A] 6-30 Derating voltage range [V] 6-48 [0.5 v adjustable] Operating time range [s] 0-4990 [t. 3 djustable] herrand printer memory 200 ast stitches Printing and copying parameters USB / RS-232 seams illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] 03.9, 6.44 T.	from	1	
3748	077_UA03351734_0005	Equipment		machines for butt welding of	he hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of ducing inserts, mounting supports, the thermal printer, a set for archiving of seams	Welding machine parameters Supply voltage [V] 230 Operating temperature range [*C] - 10 +00 far reliative humidity -75%) Storage temperature range [*C] - 20 +50 Supported 50R 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplier Parameters of Machine type KmT400 Dimensions [mn] 300x520x569 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters (Pachine trape [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power power [V] 5700 Sem memony 100 last seams Printer maintenances for all data printers Lathe parameters Parameters / Machine type KmT400 Rev. [pmn] 20 Dimensions (Width) height [mm] 500x800X150 Weight [kg] 51 Heating [paite parameters Parameters Parameters Parameters Parameters Parameters Parameters (P) 180-240 Dimensions (height height) [mm] 500x800X150 Weight [kg] 16	from	1	
3749	077_UA03351734_0006	Equipment	Inverter typ	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 400 upvation of loading [TIN] 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 1,65-Case	from	5	
3750	077_UA03351734_0007	Equipment	Inverter typ	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 pr	pressing of polyethylene pipes ameter of 32-90 mm		Mechanical drive type: working area: diameter: 32-90 mm.	from	10	
3752	077_UA03351734_0009	Equipment	Clamps for pr	pressing of polyethylene pipes ameter of 90-250 mm		Mechanical drive type: working area: diameter: 90-250 mm.	from	10	
3753	077_UA03351734_0010	Equipment		igle 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	Angi	igle grinder of 2,5 kW		Power: 2200 W Disc diameter: 230 mm Maximum speed (idling): 6600 rpm	from	8	
	_					(iding). dolld fpfff			 1 1

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 ² (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / 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, I 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, m3 \ g 2100 Oil flow, I / 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, I / 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 Du30 to Du350mm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bypass ine, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters to \$0.91-50) - 1 pc 0. Drilling machine (art. 230) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters 0.50-150) - 1 pc 3. slodler of the internal cap art. 175 or art.530 (necessary for carrying out works for diameters of Du 50-150) - 1 pc 3. slodler of bar internal cap art. 175 ard ncs150 (necessary for carrying out works for diameters of Du 50-150) - 90mm - internal diameter of a pipe) - 2 pc S Vewing device for Sop system S1 Da art. 2 pc 3. Stop objects - 3. S		from	1	
3765	077_UA03351734_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pro- petrol generator Konner & Sohnen KS 3000 - 1 pro. Cover for storage of installation - 1 pro Spare lamp - 1 pro. Stretch marks not less - 3 pro Peg metal - Nodera 1 Docto mm, 350 mm long - 3 pro. Spare air filter - 1 pro.	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, E80 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of biowing - 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. larges 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 fathic cylinder is some of special air waterproof, durable inseparable material, the height of the cylinder is 5 meters. Service life - not lest shan kyears. 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 - 600MSDx600 (h) mm. Total weight with generator - up to 65 kg.	from	5	

3766	077_UA03351734_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant	Current / voltage frequency 50 It Power far Continuous operation time 12 h Engine and characteristics Engine model GENERAC Gas co. 84.38 m.S. Start type electric start Fuel type gas Er stroke engine Number of yolknoders Sc Cooling light Engine manufacturer Generac Nominal power Dimensions 5123x4164391495 mm Warrant y 1: Installation type stationary Fuel brand Main ga propane / Dutane kg IEO Weight 35 power 275 phase voltage (380 V) Features hour meter eme system Noise level 66 d8	evice amption ine type: 4- d cooling 40 kW from nonths NG + gas W Three-	1	
3767	077_UA03351734_0024	Equipment				Three-element folding ladder up to 6 m	Working height 6.05 m Number of steps 24 Maxim kg Material aluminum Width 480 mm Weight	m load 150 4.4 kg from	1 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 Ki cap Size in mm 6,7,8,9,10,11,2,13,14,15,16,17,1 24,77,30,32	19,21,22, from	1 15	
3769	077_UA03351734_0026	Equipment				Set of hexagonal heads, 6-36 mm	Hexagonal end heads 1/2" 6; 6; 10; 11; 12; 13; 1 19; 20; 21; 22; 23; 24; 73; 30; 32 mm; rather th "mechanism; 1/2" extenders: 75; 125; 250 mm; 1/2" plastic sultaces	idle. 1/2	1 15	
3770	077_UA03351734_0027	Equipment				Rail jacks	load capacity 5 t	fror	1 2	
3771	077_UA03351734_0028	Equipment				Hydraulic jacks 5 t.	load capacity 5 t	fror	1 2	
3772	077_UA03351734_0029	Equipment				Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, Productivity, I / min - 220 I / min Shape - Horizc volume, I - 50 I Compressor type - Piston Conve	tal Tank from	1 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. fror	1 5	
3774	077_UA03351734_0031	Equipment				Motorola radios (wokitoki type)	Range not less than 10 km Number of channi Frequency range - 446 MHz (PMR) Power - 0.5 W g Dimensions 57 x 116 x 38 mm Options - 1 / s, ch battery 2100 mA / h , clip belt	eight - 262	1 20	
3775	077_UA03351734_0032	Equipment				Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corru 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal 1pcs * Dust filter - 1pcs * SMP mask - 2 (ope 10m - fror	1 20	
3776	077_UA03351734_0033	Equipment				The lights are explosion-proof	Power supply - battery; "Charging method - 12' Ingress protection: IP66; "Housing - polyme;" 2 ZONE 2; "Battery type - bull-in battery;" Type	ne of use - fror	1 30	
3777	077_UA03351734_0034	Equipment				Life jackets	* Safety belt combined with shoulder and leg Material: polyamide, polyester, steel with a protes * Standard: SOFI LEN 846-12017, "SOFI LEN 838-2002. 813: 2017; "Static breaking load - not less that Dimensions (waist circumference) - 5 (640mm - 1 (850mm - 1300mm); (1,100mm - 1300m); (1,100mm - 1300m); (1,100mm - 1300m); (1,100mm - 1300m); (1,000mm - 1300m); (1,000m);	ve coating; ; DSTU EN L5 kN; * fror 00mm); M	1 20	
3778	077 UA03351734 0035	Equipment				The rescue halyard	Breaking load, kN - 15 * Material - Polyamide *	/pe - Fall fror	1 20	
3779	077_UA03351734_0036	Equipment				VibraGas or similar gas detector	protection system * Length, m 12 Dimensions: 149-165 x 58 x 34 mm (without *sw Swan neck 162 mm Weight: approx. 400 g bisplay graphic display with 128 x 64 pixels * symbols Pov primary alialiane/ manganese cells in the battery Duracell Industrial IDIS-00, rated voltage: 6v secondary NiMHz cells in the battery holder, rated volts, rated power: 2700 mAh Charging time: app before full charge Charging voltage: 11 14 volts current: max. 500mh (lavo) (porenting times: 9) before full charge Charging voltage: 11 14 volts current: max. 500mh (lavo) (porenting times: 9) before full charge Charging voltage: 11 14 volts current: max. 500mh (lavo) (porenting times: 9) before full charge Charging voltage: 11 14 volts current: max. 500mh (lavo) (porenting times: 9) (without backlight), warning message if recharging automatic shut-off when voltage is too low temperature: during operation: 20° C to + 50° visual: digital concentration redgings, (ppm, vol1 / mbar) acoustic: concentration-dependent sou sensitive to viviration depending on concentration operation: Semiconductors sensor (SC) Measureme 0 - 1,000 pm; 20% of the final value 1,000 - 100 20% of the final value Reaction time: 190 s 1	packlit LCD r supply: 4 older type ss or 4 oldrage: 4.8 x. 6 hours C Charging shours required, bibuint Display: - \$\text{LEL, hPa}\$ d signal - rrinciple of t accuracy: 00 ppm ±	10	
3780	077_UA03351734_0037	Equipment				GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight NiMH bat Operating temperature -10 °C to +40 °C Opera Depending on application and lighting Charging in powered by 12V DC or 230V AC, Time charging ap USB port (specified at 500 mA), Charging time app Data storage 4 MB flash memory for more that measurement values Protection type IP54 Dimer 100 x87 mm Weight approx. 1,250 g Explosion ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex ib d IIB ⁵	ng time charger is ox. 3 hours ox. 8 hours or million ions 200 x otection / T4 Gb	1 25	
3781	077_UA03351734_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type	Carbon from	n 50	
3782	077_UA03351734_0039	Equipment				Metal detector	* Discriminator - Yes * Soil balancing - manua detection depth, m - more than 1.5 * Warranty-		1 3	

3783	077_UA03351734_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected. Mereference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphs is case and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" analomas. Measurement (estimation of the depth and relative values of the magnitude of the current "pudstations") Direct measurement (estimation of the current "pudstations") Direct measurement. Immerical 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, 1000, 500 oz. Bandwidth at the level of 0.7 from Java e 5 %3. Attenuation of signals with a frequency of 50 Hz at f work, db: 100, 150 Hz ot test than 110 at r 100, db: 100, 500 Oz. Sensitivity to magnetic field, m/ m not worse than 0.2 6. Deviation of the determined value of the depth of communication (to the asis of the route), at a current in the place of determination not less than 200 m/A, for a depth of communication (to the asis of the route), at a current in the place of determination not less than 200 m/A, for a depth of communication (to the asis of the route).	5	
3784	077_UA03351734_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 Trunable diode-based laser absorption spectrometer (TDLAS) Operating times 3 hours per charge (6 hours) Power supply Ltthium-in 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 23 × 126 7 × 4 m m Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of ~ 10 m 20 parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 50% RH whoth treezing Protection dass IPS4 USB connection, headphones, DC connector Accessories Headphones, December Accessories Headphones, December Accessories Headphones, December Accessories	3	
3785	077_UA03351734_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element ceramic; * Purpose - Industrial; * Management - mechanica; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicid warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 Inowe * Voltage, In - 220	3	
3786	077_UA03351734_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 from distance - 250 mm * Warranty - 240 months distance - 250 mm * Warranty - 240 months	1	
3787	077_UA03351734_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)	For work (flow stop) on pipelines of small diameter Du 20 mm to Du 30 mm (3/4 - 2 inches) and working pressure up to 12 from	6	
3788	053_UA03341397_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 Feul type: diesel fuel with cetaen number of 48 or higher Displacement (cm3): 2335 Cylinder diameter x piston stroke (mmi) : 92,0 x 90,0 Compression ratio: 15,6:1 Maximum power (kW (hp) at r.pm): 110 (150) / 3 400 Maximum torque (N· m at rpm) : 400 (7 600 - 2 000 Enrommental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ale 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	11	
3789	053_UA03341397_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar	ENGINE Volume: 2.01 (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: 1.4 3 s to 1.00 km / h Niked Cycle: 7.1 (1) 00 hm tell tath: 7.01 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKD Type: Mechanic Drive: Front Cuntity gears: 5 BeRAS Front: Ventilated dies Rear: WHEELS diese Diese: 5tee: 16 *	14	
3790	053_UA03341397_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	7	

3791	053_UA03341397_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine. Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 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 (d retaletve humidity - 5759) Output power [V] 2500 Required unit power [W] 3000 Housing density class [* B 54 Max. operating current [A] - 63 Operating voltage range [V] 6-48 (D. 5 V adjustable) Operating time range [s] 0-4990 [t s adjustable) Operating time range [s] 0-4990 [t s adjustable) Experiment of the state of th	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 sides, 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-C759) Storage temperature range [*C] -20 +50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [ssr] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm] 880x320x360 Pressure adjustment proportional valve Pressure adjustment range [last] o-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rgm] 20 Dimensions (Width) height [rm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400	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)	from	7	
3795	053_UA03341397_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	29	
3796	053_UA03341397_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	29	
3797	053_UA03341397_0010	Equipment	diameter of 90-250 mm Angle grinder of 1,5 kW		Maximum disk diameter 180 mm Power supply 220V Power	from	36	
3798	053_UA03341397_0011	Equipment	Angle grinder of 2,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed	from	22	
3799	053_UA03341397_0012	Equipment	2.2 kW perforators		(iding): 6600 pm 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 I Vibration 19.5 m / s (drilling) 13.5 m / s² (chiping) 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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LvdWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the Cart	from	3	
3805	053_UA03341397_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3	
3806	053_UA03341397_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21	from	3	

3807	053_UA03341397_0020	Equipment				Impact wrench IW12 (Stanley)		Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, I / 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 littings, pipeline diameters from DUSD to DUSDform, with a maximum working pressure of 12 kg / cm² and the possibility of alyng 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 to \$0.91.50) - 1 pcs 2 / SS3 12 bar (required for work for diameters to \$0.91.50) - 1 pcs 2 / SS3 12 bar (required for work for diameters 0.05.150) - 1 pcs 2 / SS3 12 bar (required for work for diameters 0.05.150) - 1 pcs 2 / SS3 12 bar (required for work for diameters of 0.05.150) - 1 pcs 3 / SS3 12 bar (required for work for diameters of 0.05.150) - 1 pcs 1 / DS3 - 1 pcs 6 / SS3 10 pcs 1 pcs 1 pcs 6 / SS3 12 bar (pcs 1 pcs		from	3	
3809	053_UA03341397_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lawn - 1 pcs Stretch marks not less - 3 pcs Peg metal - Wolarta 10x10 mm, 350 mm long - 3 pcs Spare air fitter - 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 micutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class U. largess 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 poreation 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 GeNRAC 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 51234.465431945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / buttane kg LPG Weight 35 power 275 kW Threephase 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 - horr 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 3815	053_UA03341397_0027 053_UA03341397_0028	Equipment Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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, Li-lon 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 * SMP 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, polyestes, steel with a protective coating; * Standard: DSTU EN 361-2017; DSTU EN 363-2017; DSTU EN 363-2017; DSTU EN 363-2017; STAID: Postaing load - not less than 15 kN; * Dimensions (wast circumference) - (5(640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	57	

3822	053_UA03341397_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	57	
3823	053_UA03341397_0036	Equipment	VibraGas or similar gas detector	protection system * Length, m 12 Dimensions: 149-165 x 58 x 34 mm (without *swan neck") + Swan neck 162 mm Weight approx. 400 g biplay: backlit LCD graphic display with 128 x 64 pixels + symbols Power supply; 4 primary alfailaine / manganese cells in the battery holder; type Duracell Industrial IDIS00, rated voltage: 6 volts or 4 secondary Nilkl cells in the battery holder; rated voltage: 6.8 volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11. —14 volts Oc Charging current: max. 500mk (flose) Operating time -2 floors (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: 20° Ct or 50° C Display; - visual: digital concentration redgings, (ppm, vol4%, ELL; hPa / mbar) acoustic: concentration-dependent sound signal- sensitive to viviration depending on concentration Principle of operation: Semiconductors sensor (SCI) Measurement accuracy; 0 - 1,000 ppm ± 20% of the final value 1,000 - 1000 ppm ± 20% of the final value Reaction time: 190 ≤ 10 sec.	from	29	
3824	053_UA03341397_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 IPS4 Dimensions 200 x 100 x87 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	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 spriy protected interference immunity Retains its technical and operational characteristics when operating in the areas of high-voltage transmission lines. Indication Analog graphs: crale and sound signal separately for magnetic and electric raterimas. Numerous values for the system of "magnetic and electric raterimas." Numerous values for the eight and relative values of the magnitude of the current "pudsations") Direct measurement: numeral values of the depth and relative values of the magnitude of the current "pudsations") Direct measurement: numeral values of the depth of the object of the variable to component of the flowing current and "Dotential". 1. Operating frequency (if work), Jr. 210, 150, 1020, 5000 2. Bandwidth at the level of D. 7 from 1 slave ± 5% a Attenuation of signals with a frequency of 50 hz at f work, dis. 100, 150 hz not test shan 125 4. Sensitivity to the input of the receiver relative to the signal value of the depth of common and the proper of the receiver relative to the signal value of the depth of common and the properties of the course, at a current in the place of determination not less than 200 mA, for a depth of 0.1 10, n 10, n	from	14	
3828	053_UA03341397_0041	Equipment	Laser ELU leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (buch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDL4S) Operating time 58 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 1.67 x 74 mm Measurement range 0~50,000 parts per million may be consistently 10 parts per million at a distance of 10~30 m. Operating temperature 2.70 to 50°C. Humidiny from 5 to 90% RH without freezing Protection class IPS4 LSB connection, headphones, DC connector Accessories Headphones, Dc Connector Accessories Headphones, belt, bag, charger Accessories Setting device	from	7	
3829	053_UA03341397_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation- Floor; * Type of coolant - electric; * Type of heating element- ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warrany - 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 2800 * Number of speeds - 2* Mains voltage, B. 220 - 240 * Features - Adjustble speed * Massimum drilling diameter - 250 mm * Warranty - 24 months	from	1	

					For work (flow stop) on pipelines of small diameter Du 20 mm			
3831	053_UA03341397_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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 4x8 Business Engine Engine code: 26D-FIV Type: turbocharged diesel engine 14 / 16-valve DOHZ cluel type: dieses fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 400/16 000 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenging the front ale 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: 2.01 (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: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BEASK 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 - 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	
3835	054_UA05524713_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings, Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-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 [V c] -1.0 40, lat relative humidrity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 648 Max. operating current [A] -630 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Emperating time range [s] 0-4999 [t 3 adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] (9.39, 94.7).	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] -10 440 (at relative hundifly; 75%) Storage temperature range [*C] -20 +50 Supported SDN 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm) 300x520x505 Pressure control roportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm) 680x320x360 Pressure adjustment proportional valve Pressure adjustment range lad 19-09 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters (Parameters Lathe parameters (Parameters Machine type Km1400 Rev. [rm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters (Parameters Velexity (Paramete	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 Puration 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 GPV13 (Stanley), in a set: $RVT \not D1 \setminus 2 \ ^{u}L = 10m$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
3850	054_UA05524713_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 RAVETII (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSto DustSform, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bipass line, complete with small mechanization.	Softim - Internal diameter of a piper - 2 pcs 5 viewing device in Stop system s 551 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 certain SC311 bar 1 are - 9. Stop system - 3 model SC3 11 bar 1 pcs 1 pcs - 1 pcs 1 pcs - 1 pcs	For works (flow stop) on pipelines with a diameter of Du 50	from	1	
3853	054_UA05524713_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Warfar Lox01 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 dicharge lamp DNAT with the 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 50 milutes. 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 plast chousing, which is made of elielectric 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 generator - 6000450x6000 (h) mm. Total weight with generator - 6000450x6000 (h) mm. Total	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 2 Lb 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 5 Cooling Iguid cooling Engine manufacturer Generac Nominal power 200 kW Dimensions 51223416831958 m1 Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propale / busine kg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Nosie level 66 d8	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 - horr 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	
								24,27,30,32			

38	857	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; 1 192; 02; 12; 22; 32; 42; 70; 30; 30; mm; ratch+handle: 1/2 "mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joint 1/2"; platis: suitcase	from	15	
38	858	054_UA05524713_0027	Equipment	Rail jacks	load capacity 5 t	from	2	
38	859	054_UA05524713_0028	Equipment	Hydraulic jacks 5 t.	load capacity 5 t	from	2	
38	860	054_UA05524713_0029	Equipment	Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, bar - 10 ba Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 501 Compressor type - Piston Conveyor wheels	from	1	
38	861	054_UA05524713_0030	Equipment	Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	5	
38	862	054_UA05524713_0031	Equipment	325 mm to 720 mm Motorola radios (wokitoki type)	Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 26 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-los battery 2100 m/s / h , dip belt	from	20	
38	863	054_UA05524713_0032	Equipment	Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrugated tube 2pcs * Belt - 1pc * Shoulder strap - 1pcs * Signal rope 10m 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs	from	20	
38	864	054_UA05524713_0033	Equipment	The lights are explosion-proof	Power supply - battery, ** Charging method - 12 V / 20 V ** ligress protection: IP66; ** Housing - polymer; ** Zone of use 20NE 2; ** Battery type - build-in-battery; ** Type - manual.	- from	30	
38	865	054_UA05524713_0034	Equipment	Life jackets	* Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coatin * Standard: OST UEN 361-2077, OST UE N358-2077, OSTU EN 361-2077, OSTU EN 361-2078, OSTU EN	from	20	
38	866	054_UA05524713_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	from	20	
38	867	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 LCI graphic display with 128 x 64 points = ymotho Flower supply: primary alkaline / manganese cells in the battery holder type Duracell Industrial IDISO, natevol trage. 6 wolfs or 4 secondary NIMH cells in the battery holder type Duracell approxe. 5 hour before full charge Charging wolfage: 11 14 volts DC Charging current max. 500m A (Igro) operating times - 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is to obe Ambient temperature: during operation: 20° C to + 50° C Display: visual: digital concentration readings, fopm, vol4%, St.Et., 16° / mbar) acoustic: concentration-dependent sound signal-sensitive to witration dependent on principle operation: 50° C molecular operatio	4 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9	10	
38	868	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' powered by 12V DC or 230V AC, Time charging approx. 3 hou USB port (specified at 500 mA), Charging time approx. 8 hou Data storage 4 MB flash memory for more than 1 million measurement values Protection type 19F4 Dimensions 200. 100 x87 mw Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 26 Ex Ib d IB T3 / T4 Gb	rs rs from	25	
38	869	054_UA05524713_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	from	50	
38	870	054_UA05524713_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	from	3	
34	871	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 etchnical and operational characteristics when operating in the area of high voltage transmission lines. Indication Analog graphic scale an sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic antennas. Neareavenent (estimation of the depth and relative values the magnitude of the current" pulsation? Olivert measurement numerical values of the depth of the "occurrence" of communications and the relative magnitude the variable component of the flowing current and "potential 1. Operating frequency (f work, J. et 200, 150, 1205, 5000 2. Bandwidth at the level of 0.7 from I slave 5-83. Attenuatio of signals with a frequency of 50 Hz at f work, dis 100, 1501 not less than 18 4. Sensitivity to the input of the receiver relative to the signal noise 668, IV in ot worse than 2.5. Sensitivity to the signal noise 648, IV in ot worse than 2.5. Sensitivity in magnetic fiel m / m not worse than 0.2.6. Deviation of the determined value of the depth of 0.1	of f "." from n z 5 5 /	5	

3872	054_UA05524713_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 diod-based laser absorption spectrometer (TDLAS) Operating time s 8 hours per charge (buns) Power supply Lthibun-ion battery Ream size 2.5 and 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 as distance of 10 ~10 m 20 parts per million at a distance of 10 ~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 1954 USB connection. Acadeon.	from	3	
3873	054_UA05524713_0042	Equipment	Heat gun 5 kW		* Service area, kV. m - 50, * Power, W - 5000, * Installation - Floor, * Type of coolant - electric, * Type of thesting element - mechanical * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicid 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-40 150 hp 6-Mech 4x4 Business Engine Engine code: 260-FTV Type: turbocharged diesel engine L4 / 16-valve DOME. Tuel type: diesel fuel with cetane number of 48 or higher Displacement (cm.3); 2399 / Sylinder diameter x piston stroke (mm.): 92,0 x90 / Compression ratio, 15.6: 1 Maximum power (kW (hp) at ymm): 110 (150) / 3 400 Maximum toraque (N: 4 mg.): 3,000 / 100 / 200 Environments standard: (EMB 6 Trams): 3,000 / 100 / 200 Environments standard: (EMB 6 Trams): 4,000 / 100 / 200 Environments standard: Cultural with the positivity of disengaging the front advanced with the positivity of disengaging the front advanced ratio concerning a reduced gear Dynamic indicators Maximum connecting a reduced gear Dynamic indicators Maximum eyed (fm.) / 11: 704 Acceleration to JOM / m / h (s): 13-Fuel type: dieself 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: 2.01 (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supertharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 13.4 3 to 100 km / h Moder Cyler: 7.1 / 100 km Fuel tank: 70 km rest tank: 70	from	40	
3878	055_UA05451150_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	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 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	Welding dismeter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [C] -13 +04 Oltage [V] 230 Operating temperature range [C] -10 +04 Oltage [V] 2500 Required unit power [W] 3000 Housing density class [V] 648 (OS V adjustable) Operating voltage range [V] 6-48 (OS V adjustable) Operating time range [S] 0-4999 [C] 40 (S) V adjustable) Operating time range [V] Obligation [V] Obligati	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	Welding machine parameters Supply voltage [V] 230 Operating temperature range [**C] -10 -40 (lar relative humidity (**79)3 broage temperature range [**C] -20 +50 Supported SDR 9; 11; 136, 17; 17, 6; 21; 26; 72, 6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control ropportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x20x3040 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 6700 Sam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rgm] 20 Dimensions (Width) height [rm] 60x00x0150 Weight [kg] 15 Indesting plate parameters Parameters / Machine type Km1400 Temperature control range [**C] 128x-240 Dimensions (height height) [mm] 60x0x610x Weight [kg] 16	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	

r								
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 /s² (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 \emptyset 1 \ 2 " L = 10m		Honda \ Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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, I 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, I / 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 & Dimensions (LxW), mm 240x100 Flow, I / 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 TN RAVETII (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSto to Du150mm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bypass line, complete with small mechanization.	Summ - internal claimeter of a pipe; - 2 pcs 5 viewing device to stop system - 51 nd bet - 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 13 bbr. 1 pcs 1 Stop system 2 model SS2 13 bbr.	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 (5) 6005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs. Cover for storage of installation - 1 pcs Spare lamp - 1 pc Stretch marks not less - 3 pcs Peg metal - IVAdrat I Dx.10 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 500V, £40 cartridge, Luminous flux - 9,500 m. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - pu to 6 See, Time for the cylinder is charged to the control of the size of the lamp - up to 5 minutes. Wind resistance with extensions - up to 20 m / see. Climatic design - cities class L. largers protection: IP 65/44. Class of protection of insulation from electric shock - II. The power unit is focated in a cylindrical plastic housing, which is made of dielectric material. The fabric cylinder is 5 meters. Service life - not less than 5 years. Warrardy period of storage - 6 months. Warrardy period of spreadon of the installation - 12 months. Dimensions of the installation in the folioid state the generator - Colox 50x 60x 60x 10 m. 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 Hz Brigher and device characteristics Engine model GENERAC Gas consumption 8.38 m3. Start type electric start Feet Upe gas Engine type: 4- stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Rominal power 240 kW Dimensions 5128x1468x1945 mm Warranty 12 months installation type stationary Fuel brand Main gas No 4 gas propane / butane kg LPG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 dd 8	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 - hor 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 3903	055_UA05451150_0027 055_UA05451150_0028	Equipment Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t load capacity 5 t	from from	16 16		_
3904	055_UA05451150_0029	Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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	n	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 * SMP 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; * Standards DSTU EN 361-2017; DSTU EN 383-2017; DSTU EN 8813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) - 5 (EdOmm - 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	T	
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 bisplay: backlit bLD; Syanic slapla with 128 x 64 pixels x symbols Power spikel blogs. Duracell Industrial 101500, rated voltage: 6 volts or secondary NiMH cells in the battery holder, rated voltage; volts or secondary NiMH cells in the battery holder, rated voltage. So who substance 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 1114 volts DC Charging current: max. 500mA (fuse) Gperating time: a 150 no. (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambior temperature: during operation: 20" c to + 50" C Display. 1 "Swall digital concentration readings, (ppm, vol%Sk Elys) / mbar) acoustic concentration-dependent sound signal - sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accurage 10,100 pm ± 20% of the final value 1,000 - 1,000 pm ± 20% of the final value Reaction time: 190 s 10 sec.	from	80		

3912	055_UA05451150_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 fibe charger is powered by 12V Oc or 230V AC, Time charging approx. 3 hours USB port (specified at 500 mA), Charging time approx. 3 hours Otat a storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x87 m Weight approx. 12,50 g Explosion protection ATEX 8VS 09 ATEX E 079 X - Ex II 2G Ex Ib d IIB T3 / T4 Gb	ו 20	0	
3913	055_UA05451150_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	1 40	0	
3914	055_UA05451150_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months froi	1 2		
3915	055_UA05451150_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magnetic and electropotential antenoas into a sigile structure. Dust spray protected interference immunity Retains its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Anaug graphic scale and sound signal separately for magnetic and electric antennas. Numerous values for the spetter of magnetic antennas. Measurement restimation 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 (if work, 1, 1x 100, 150, 1205, 2005). To the variable component of the flowing current and "potential". 2. Deardow for the the level of 0.7 from falvae ± 503. Attenuation of signals with a frequency of 50 Hz at 1 work, dis 100, 150 Hz not less than 110 at 1 rob, dis 1002, 5000 Hz not be stain 18 s. Sensitivity to the input of the receiver relative to the signal once display for vortice when 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 tess than 20 mA, for a depth of 0.1 10 m, at 1 ± 1000 Hz, not more than 12.7 Number of measurement values registered, 3000 8. Current consumption (average), ma 1209 s, continuous operation time, hours, not less than 10	n 4		
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 s 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 on the special point of the color of th	n 2	0	
3917	055_UA05451150_0042	Equipment	Heat gun S kW	*Service area, kV. m - 50; * Power, W - 5000; * Installation- filor; * Type of Coolant - electric; * Type of heating element - ceramic; * Purpose - Industrial; * Management - mechanica; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of ficial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220	1 2	0	
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, 8 - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 nm * Warranty - 24 months	1 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	n 4	3	
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: 26D-FTV Ype: turbocharged diesel engine L4 / 154-valve ODHC Fuel type: diesels fule with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92,0 x 90,0 Compression arto: 15,6: 1 Maximum power (kW (hp) at prim): 110 (159) / 3 400 Maximum torque (N · m at rpm): 400/1 500 - 2 000 Enrivormental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenging the front vale and connecting a reduced gear Dynamic indicators Maximum speed (fur h): 170 Acceleration -0 10 um / h ; 13: 3 Fuel type: diesel fuel with cetane number of 48 or higher	n 3	1	

3921	056_UA03349039_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Mwed cycle: 7.1 / 100 Nm Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Yipe: Mechanical Drive: Front Quantity gears: SBRAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	43	
3922	056_UA03349039_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	
3923	056_UA03349039_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings, Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm 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 [**O-1-30 Nd Jet Tealbark bumidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [**D-54 Max. operating current [A] -63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [1 s adjustable) Operating time range [s] 0-4999 [1 s adjustable) Experiment of the state of the stat	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 sildes, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams	Wedding machine parameters. Supply woltage [V] 230 Operating temperature range [*C] -10 +40 (at relative humidity -275%) Storage temperature range [*C] -20 +50 Supported 50% 9, 11, 13.6, 17, 17.6, 21, 26, 27.6, 33, 41 Parameters of manual power supplies Parameters. Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters [48] 6700 Seam memory 100 last seams Printer Parameters (Machine type Km1400 Rev. [7m] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height key) [mm] 600x800x150 Weight [kg] 100 memsions (height height [mm] 600x800x150 Weight [kg] 100 memsions (height height [mm] 600x80x150 Weight [kg] 100 memsions (heigh	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 Puration 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		1300 W or 1500 W. 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 / s ² (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 $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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, I 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, I / 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, I / 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 DuSto to UtiSofmm, with a maximum working pressure of 12 kg / cm² and the possibility of aliying a bypass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS2 / SS3 12 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 12 bar (required for work for diameters 0x 05-150) - 15 / SS3 12 bar (required for work for diameters of 0x 05-150) - 15 / SS3 12 bar - 15	For works (flow stop) on pipelines with a diameter of Du 50	from	9	
3941	056_UA03349039_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc: Stretch marks not less - 3 pcs Peg metal - Nodraft LOOI Jmm, 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 dicharge lamp DNAT with a capacity of 600W., £40 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 50 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 - 6000450x6000 (h) mm. Total weight with generator - 10 to 55 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 2.1 heligine and device characteristics. Engine model SFMEMC Gas consumption 84.38 m3. Start type electrix start fuel type gas Engine type: 4- stroke engine humber of cylinders 6 Cooling ilquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123416331498 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane & Igh DW Wight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 3947	056_UA03349039_0027 056_UA03349039_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from from	17 17	
3947	056_UA03349039_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon battery 2100 mA / h , clip belt	from	172	

				ı			
3951	056_UA03349039_0032	Equipment	Complete set: *10m hose - 1pc * Rubber Hose gas masks (hose length 10 m) 2pc* *8tt.* 1pc* *5 molder strap - 1pc* *5 1pc* *0 ust filter - 1pc* * SMP mast	al rope 10m - from	173	'2	
3952	056_UA03349039_0033	Equipment	Power supply - battery; * Charging method The lights are explosion-proof ligress protection: IP66; * Housing: polyme ZIONE 2; * Thattery type - built in battery, **	Zone of use - from	1 25	i8	
3953	056_UA03349039_0034	Equipment	* Safety belt combined with shoulder an Material; polyamide, polyester, steel with a part of the packets Life jackets Life jac	ective coating; 017; DSTU EN an 15 kN; * : 1000mm); M Imm);	173	'2	
3954	056_UA03349039_0035	Equipment	The rescue halyard Breaking load, 8N - 15 engaing load, 8N - 15 en	* Type - Fall from	17	'2	
3955	056_UA03349039_0036	Equipment	Dimensions: 149-165 x 58 x 34 mm (without Swan neck 152 mm Weight: approx. 400 g lb graphic display with 128 x 64 places + symbol primary alkaline / manganese cells in the bat Duralle Industrial ID1500, rated workage secondary NIMH cells in Industrial provided workage secondary NIMH cells in Charging time before full charge Charging topower 2700 mAh Datraping time before full charge Charging (suble power 2700 mAh Datraping time before full charge Charging (suble power 2700 mAh Datraping time before full charge Charging (suble power 2700 mAh Datraping time before full charge Charging (suble power 2700 mAh Datraping time before full charge Charging (suble power 2700 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging topower 2000 mAh Datraping time before full charge Charging time before full charge time before full charge Charging time befo	wan neck") + sp: backit LCD were supply: 4 yy holder type volts or 4 dv oltrage: 4.8 prox. 6 hours s DC Charging ing required, Ambient for Display: - %,% LEL, hPa und signal on Principle of ment accuracy: (0,000 ppm ±	86	6	
3956	056_UA03349039_0037	Equipment	128 x 64 pixel LCD display, backlight NIMi Operating temperature: 30 ° C to +40 ° C C Depending on application and lighting Chargi GOUATH gas analyzer or similar USB port (specified at 500 mA), Churging tim Data storage 4 NB flash memory for more measurement values Protection type IPS4 C 100 x 87 mm Weight approx. 2,250 g c/pd4 ATX EXUS 95 ATX EX 079 × Ex. 10 S C is to	rating time The charger is ipprox. 3 hours pprox. 8 hours from an 1 million ensions 200 x n protection	21!	.5	
3957	056_UA03349039_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type) "Weight of extinguishers (OU-5 type) "Weight of extinguishers (OU-5 type) "Weight of extinguishers (OU-5 type)	pe - Carbon from	43	10	
3958	056_UA03349039_0039	Equipment	Metal detector **Discriminator - Yes * Soil balancing - m detection depth, m - more than 1.5 * Warra		1 22	2	
3959	056_UA03349039_0040	Equipment	Monoblock - an electronic unit connected electropotential antennas into a single struct protected. Interference immunity Retains operational characteristics when operating in voltage transmission lites. Indication Analog sound signal separately for magnetic and el Numerous values for the system of "magnetic and el Numerous values for the eight and the magnitude of the current" pubsation and the magnitude of the current" pubsation and the retained of the current pubsation of the variable component of the flowing current. Route finder SPRUT-17 R	e. Dust spray echnical and earea of high-phic scale and ric antennas. "antennas." antennas. "antennas. state values of ") Direct sth of the magnitude of and "potential". 1020, 5000 2. Attenuation 18: 100, 150 hts teles than 18: 100, 150 hts teles than 18: 100, 150 hts expand a magnetic field, determined so of the route) less than 200 to more thank" red, 3 000 8. Continuous sometimes.	1 43	3	
3960	056_UA03349039_0041	Equipment	Technical data Gas Methane (CH4) LCD display (touch screen) Response tim Measuring method Tunable diode-based it spectrometer (TDL4S) Operating time 4 8 ho hours) Power supply Lithium-ion battery Res at at distance of 30 m - 30 m depending or reflection Weight 1.6 kg Dimensions 237 Measurement range 0° 50,000 parts per mill parts per million at a distance of 0° 10 m 20 at a distance of 10° - 30 m Operating temper Humidity from 5 to 90% RH without freezing IP54 LVBS connection, headphones, DC conn Headphones, DC conn Headphones, belt, bag_ charger Accessorie	or 0.2 sec. r absorption per charge (6 size 25 ~ 30 cm se object of r 47 4mm r 5 rensitivity 10 rts per million re -17 to 50°C otection class or Accessories	1 22	2	

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 - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicid warranty from the manufacturer * Protection functions - Protection against overheating * Features: The handle for movement * Voltage, In - 220 I 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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHC Fuel type: Glees fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6c: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 3.00 (150 00 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ask draw and connecting a reduced gear Dynamic indicators Maximum speed (km / hj: 170 Acceleration 0.100 km / h (s): 3.35 Fuel type: diesel fuel with cetane number of 48 or higher	from	4	
3965	075_UA03361135_0002	Equipment	Volkswagen T6.1 Box PRO LIH1 EUG 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Oylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 to 100 km / h Mixed cycle: 7.1 I / 300 km fuel tark: 70 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: Se BEAS 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 2735 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or 85232-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 -1.0 + 40, for tealitve humidity -75%) Output power (V) 2500 Required unit power (W) 3000 Housing density class (°F 45 Max. operating current (A) -630 Operating voltage range (V) 6-48 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 40) operating voltage range (V) 6-50 Operating voltage range (V) 6-64 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 5 V adjustable) Internal printer memory 200 last stitches Printing and copying parameters USB / RS-232 seams Illuminated (LD display length Working wires [m] 3 Interchangeable lugs [mm] (33.9, 64.7)	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 humlidity-C750) Storage temperature range [*C] -20 +50 Supported 50R 9, 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters Af Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional vehe Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters*, Machine type Km1400 Dimensions [mm] 680x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -0 0 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters (PM Machine type km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x80x150 Weight [kg] 51 Heating plate parameters Parameters Parameters Parameters parameters (PM Achine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x80x150 Weight [kg] 51 Heating plate parameters Parameters (PM Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x80x150 Weight [kg] 51 Heating	from	1	
3969	075_UA03361135_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	
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)	from	3	
3971	075_UA03361135_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 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 (idling): 6600 rpm	from	8	

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 (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 \not $		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8	from	1	
3979	075_UA03361135_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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
3982	075_UA03361135_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / min 15- 45 Working pressure, bar 70-140 Tightening torque, Nm 340- 1632	from	1	
3984	075_UA03361135_0021	Equipment		1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 bar (required for work for diameters of Du 50-150) - 1 ps3 - 1 pc4 - 1 ps3 - 1 pc4 - 1 pc5 - 1 pc9 / SS0 - 1 pc9 /	For works (flow stop) on pipelines with a diameter of Du 50	from	1	
3985	075_UA03361135_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 Repetal- Navdard 100.01 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs		from	5	

3986	075_UA03361135_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant	Current / voltage frequency 50 Nt Power factor 0.8 Continuous operation time 12 h Engine and device characteristic Engine model GNERAC Gas consumption 84.38 m3. Start type electric start rule type gas Engine type stoke engine Number of cylinders 6 Cooling liquid coolin Engine manufacturer Generac Nominal power 240 KW Dimensions 512344634955 mm Warranty 12 months Installation type stationary Fuel brand Main gas N6 + gas propane Putane leg LIPO Weight 38 power 275 KW Three phase voltage (380 V) Features hour meter emergency stoke system Noise level 6 6 68	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 kg Material aluminum Width 480 mm Weight 14.4 kg	⁵⁰ 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 - I cap Size in mm 6,7,8,9,10,11,12,13,14,51,61,7,18,19,21,2 24,73,03,2	t, from	15	
3989	075_UA03361135_0026	Equipment				Set of hexagonal heads, 6-36 mm	Heragonal end heads 1/2": 6, 8; 10, 11; 12; 13; 14; 15; 16; 19; 102; 12; 22; 32; 34; 27; 22; 33; 34; mr., ratch handle. 1/2 "mechanism; 1/2" extenders: 75, 125, 250 mm; cardan joi 1/2"; bistic 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 - 101 M Productivity, 1 min - 2201 / min Shape - Horizontal Tank volume, 1 - 501 Compressor type - Piston Conveyor wheel	from	1	
3993	075_UA03361135_0030	Equipment				Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mr	n. from	5	
						325 mm to 720 mm	Range not less than 10 km Number of channels - 128			
3994	075_UA03361135_0031	Equipment				Motorola radios (wokitoki type)	Frequency range - 446 MHz (PMA) Power - 0.5 W Weight - 3 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, L-l battery 2100 mA/ h , tijb belt	62 on from	20	
3995	075_UA03361135_0032	Equipment				Hose gas masks (hose length 10 m)	Complete set: "10m hose: -1pcs "Rubber corrugated tub 2pcs "8elt: -1pcs "Shoulder strap - 1pcs "Signal rope 10n 1pcs "Dust filter - 1pcs "SMP mask- 2 pcs		20	
3996	075_UA03361135_0033	Equipment				The lights are explosion-proof	Power supply - battery; " Charging method - 12 V / 220 V; Ingress protection, IP6G; " Housing - polymer; " Zone of us ZONE 2, " Battery type - bulli-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 coat * Standard: OSTUR N 81-027); CSTUR 18-85-2017; OSTUR 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - 5 (640mm - 1000mm); (#80mm - 1300mm); [1 (1100mm - 1500mm);	N from	20	
3998	075_UA03361135_0035	Equipment				The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fal	from	20	
3999	075_UA03361135_0036	Equipment				VibraGas or similar gas detector	protection system * Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without * swan neck' Swan neck 162 mm Weight: approx. 400 g Display: backfit graphic display with 128 x 64 pixels + symbols Power supply primary alkaline / manganese cells in the battery holder ty Duracell Industrial ID1500, rated voltage: 6 volts or 4 secondary NIMH cells in the battery holder, rated voltage: volts, rated power 2700 mAh Charging time: approx. 6 ho before full charge Charging voltage: 11 14 volts DC Charg current: max. 500mA (fuse) Operating time> 15 hours (without bacilight), warning message if recharging require automatic shut-off when voltage is 10 oul warbient temperature: during operation: 20 ° C to + 50 ° C Diaplay visual: digital concentration readings, (ppm, vol8%, ELE, / mbar) a coustic concentration-dependent sound signal sensitive to wibration depending on concentration Principle operation: Semiconductor sensor (SC) Measurement accure 0-1,000 ppm ± 20% of the final value 1,00 < 1,000 ppm - 20% of the final value 1,00 < 1,000 ppm - 20% of the final value 1,00 < 1000 ppm - 20% of the final value 1,00 < 1000 ppm - 20% of the final value 1,00 < 1000 ppm - 20% of the final value 1,00 < 1000 ppm - 20% of the final value 1,00 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 < 1000 ppm - 20% of the final value 1,000 ppm -	CD 4.4 4.8 8.8 rs rs rs rg 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 charge powered by 12V OC or 230V AC, Time charging approx. 3 ho USB port (specified at 500 mA), Charging time approx. 8 ho Obta storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 26 Ex ib d IB T3 / T4 Gb	urs irs from	25	
4001	075_UA03361135_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon	from	50	
4002	075_UA03361135_0039	Equipment				Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 monti	from	3	

4003	075_UA03361135_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 Reatins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Anolag prayitic 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 of the magnitude of the current" pulsations") Direct measurement: numerical values of the depth of other of the variable component of the flowing current and "potential". 1. Operating frequency (*f work.), Hz 100, 150, 102, 500 c2. ft andwidth at the level of 0.7 from slave ± 5% at Attenuation of signals with a frequency of 50 th at 1 work, dis 100, 150 in not less than 110 art from, dis 1200, 5000 ft not less than 125 a. Sensitivity to the input of the receiver relative to the signal / noise 668, If, work works than 3.2. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determined value of the depth of 0.1 10m, 4t - 1200 It; not more thank's 12.7. Number of measurement values registered, 3.000 a. Current consumption (newerage), mat 120 - Continuous operation time, hours, not less than 10	om	5	
4004	075_UA03361135_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 Unable diode-based laser absorption spectrometer (TDLAS) Operating times 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 illnersions 237 v.157 x 4 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 0 10 m 20 parts per million at a distance of 10 m 20 parts per million at a distance without receing Protection class IPS4 US8 connection, headphones, DC connector Accessories Headphones, belt, bg., chrager Accessories Stetting device	om	3	
4005	075_UA03361135_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 Micial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220 I move * Voltage, In - 200 I move *	om	3	
4006	075_UA03361135_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W - 2800 * Number of speeds - 2 * Mains voltage, B - 220 - 240 * Features - Adjustable speed * Maximum drilling fit disasters - 250 mm * Warranty - 24 months	om	1	
4007	075_UA03361135_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	om	6	
4008	078_UA05535349_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 26D-FTV Type: turbocharged diesel engine L4 / 15-valve DOHC Fuel types (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): 4.00/1 600 - 2000 Enromental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of diengeging the front aske 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 etane number of 48 or higher	om	4	
4009	078_UA05535349_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar	Diesel Eco-standard compliance: Euro-S PPC Name: 5-MICP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	om	5	
4010	078_UA05535349_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 50/50 Hz	om	3	

4011	078_UA05535349_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 7125 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 47 mm printing for thromal 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 (VJ 230 Operating temperature range I*C 1-3 -0 40 dg terlatelve humidity -75%) Output power [V] 2500 Required unit power (W) 3000 Housing density class (P 54 Max. operating current [A] -63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 (1 s adjustable) Operating time range [s] 0-4999 (1 s adjustable) Experiment of the properties of the state of th	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 sildes, 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 +00 (at relative humidity-C395) Storage temperature range [*C] -20 +50 Supported 50% 9; 11; 136; 17; 176; 21; 26; 276; 33; 41 Parameters of manual power supplies Parameters, Machine type Km1400 Dimensions (mm] 3005:20x505 Pressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions (mm] 580x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters [Valchine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [rm] 500x800x150 Welight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Rev. [rm] 20 Dimensions (Width) height [rm] 500x800x150 Welight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Rev. [rm] 20 Dimensions (height height [rm] 500x800x150 Welght [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Rev. [rm] 20 Dimensions (height height [rm] 500x800x150 Welght [kg] 51 Heating plate parameters Parameters / Welght [kg] 51 Welght [kg] 51 Heating plate parameters (pm] (mm] 500x800x150 Welght [kg] 51 Welght [kg] 51 Heating plate parameters (pm] (mm] 500x800x150 Welght [kg] 51 Welght [kg] 51 Heating plate parameters (pm] (mm] 500x800x150 Welght [kg] 51 Welght [kg] 51 Heating plate parameters (pm] (mm] 50x800x150 Welght [kg] 51 Welght [kg] 51 Heating plate parameters (pm] (mm] 50x800x150 Welght [kg] 51 Welght [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 200 Puration of loading (TIN) 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)	from	3	
4015	078_UA05535349_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	10	
4016	078_UA05535349_0009	Equipment	diameter of 32-90 mm 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 (idling): 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) 135 m / s (drilling) 10mensions 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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8	from	1	
4023	078_UA05535349_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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4026	078_UA05535349_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (IxWxH), 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, I / 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 DuSt 0 but 50m, with a maximum working pressure of 12 kgf / cm² and the possibility of slyring a bipass line, complete with small mechanization.	Stop system 551 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 pcst DN 12 bar - 2 pcs 7. Stop head DN 3 1/2 "-2 pcs 8. Viewing device for Stop pcstop SC3 11 bar - 1 pcs 1 p		from	1	
4029	078_UA05535349_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare Impn - 1 pcs Stretch marks not less - 3 pcs Yeg metal - kVadrat 10x10 mm, 350 mm long - 3 pcs Spare air fifter - 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 mixtues. 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 electric 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 peration 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 GENRAC 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 51234.46543495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butten kg LPG Weight 38 power 275 kW Threephase 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 - horr 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 078_UA05535349_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
4037	078_UA05535349_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	5	
4038	078_UA05535349_0031	Equipment				325 mm to 720 mm 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-lon 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 363-2017; DSTU EN 361-2017; DSTU EN 363-2017; STAID: Fashing load - not less than 15 kN; * Dimensions (wastic circumference) = (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	20	

4042	078_UA05535349_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	rom	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 Duracill Industrial IDISDO, rated voltage: 6 volts or 4 secondary NiMHt 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 D.C Charging runners and SOMA filter Operatine times 2.5 hours.	rom	10	
4044	078_UA05535349_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 x87 mm Weight approx. 1,250 g Explosion protection ATEX 8VS 09 ATEX E 079 X - EX II 2G Ex lib d IIB T3 / T4 Gb	rom	25	
4045	078_UA05535349_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	rom	50	
4046	078_UA05535349_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	rom	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 fleatins 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" pubsistions") 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 (if work.), Hz 100, 150, 102, 5000. 2. flandwidth at the level of 1.7 from slave ± 5% a. Attenuation of signals with a frequency of 50 Hz at 1 work, dis 100, 150 Hz not less than 110 at 17to, dis 1200, 5000 Hz on the sist than 125. 4. Sensitivity to the input of the receiver relative to the signal / note distal, by 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 20 mA, for a depth of 0.1 m. 10m, at 1.100.01 tr, once of the course	rom	5	
4048	078_UA05535349_0041	Equipment	Laser ELU leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (bout 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 Lthium-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 23 x ±67 x 74 mm fm Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of 10 ~ 30 m Operating emperature ≥ 17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS4 USS connection, headphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device	rom	3	
4049	078_UA05535349_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Pupose - Industria; * Management - mechanical; * Type of heating = fan; * Number of heating modes - 2; * Warrany - 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 I mov	rom	3	
4050	078_UA05535349_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W2300 * Number of speeds - 2* Mains voltage, 8 - 220 -240 * Features - Adjustable speed * Mastimum drilling fi diameter - 250 mm * Warranty - 24 months	rom	1	

					For work (flow stop) on pipelines of small diameter Du 20 mm			
4051	078_UA05535349_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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: 26D-FIV Type: turbocharged diesel engine 14 / 16-valve DOHC rule Vpye: diese fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (my): 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 7m): 400 floor 2: 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front ale and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0: 100 km / h (s): 133 Fuel type: diesel fuel with cetane number of 48 or higher	from	14	
4053	057_UA05410263_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar		ENGINE Volume: 2.0 I (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 I / 100 km Fuel tank: 70 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP ype. Mechanical Driver: Front Quantity gears: 5 BEASK 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 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 252, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range * [nml] up to 250 mm Barcode scanes "Supply voltage [V] 230 Operating temperature range [* C] -1.0 +40 [at relative humidity <75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P & Max. operating current [A] <65 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [1 s adjustable) Operating time range [s] 0-4999 [1 s adjustable) Experiment of the properties of	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 (lat relative hundifly; 75%) Storage temperature range [*C] -20 +50 Supported SDN 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions (mm] 680x320x360 Pressure adjustment a proportional valve Pressure adjustment range [bar] -90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height (mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x60x57 Weight [kg] 150 plates)	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 Puvation 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, mn 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 lolle 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 ² (chiping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX	from	17	
4064	057_UA05410263_0013	Equipment	Hydraulic oil station GPV13 (Stanley), in a set: $RVT \not D1 \setminus 2 \text{ "} L = 10m$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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	from	3	
4069	057_UA05410263_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3	
4070	057_UA05410263_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LvWxH), 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, I / 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 DuSto to Ustform, with a maximum working pressure of 12 kgf / cm² and the possibility of larging a bipass 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 2. Drilling machine (art. 230) is used with Stop system SS3 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.350 (necessity) necessary for carrying out works for diameters of Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.350 (necessity) necessary for carrying out works for diameters of Du 50-150) - 90mm - internal diameter of a pipe) - 2 pcs 50 (weing device for Sop systems 13 Dar - 1 pcs 61 yestem 3 device SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 50 psystem 3 model SS3 12 bar - 1 pcs 10 yestem - 3 model SS3 1	For works (flow stop) on pipelines with a diameter of Du 50	from	3	
4073	057_UA05410263_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Waldraf Lohd Imm, 350 mm long - 3 pcs Spare air fifter - 1 pcs		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 ECRNEAC 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 51224146541954 m Warranty 12 months Installation type stationary Fuel brand Main gas NG - gas propane / butane 8 µ LDR Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Note level 66 d8	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 - horr 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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057_UA05410263_0026	Equipment		Set of hexagonal heads, 6-36 mm	19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint	from	52		
	Equipment		Rail jacks	load capacity 5 t	from	7		
057_UA05410263_0028	Equipment		Hydraulic jacks 5 t.	load capacity 5 t	from	7		
057_UA05410263_0029	Equipment		Compressor up to 10 At	Power type - Mains Power, W 1500 W Pressure, bar - 10 bar Productivity, / min - 220 / min Shape - Horizontal Tank volume, 1 - 50 I Compressor type - Piston Conveyor wheels	from	3		
057 UA05410263 0030	Equipment		Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	17		
	Equipment		325 mm to 720 mm 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 3 mm Options - 17, 6, sharger, Li-lou	from	70		
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 - 1pc * Dust filter -1pcs * SMP mask - 2pc	from	70		
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; * Tipe: - manual.	from	105		
057_UA05410263_0034	Equipment		Life jackets	* Safety belt combined with shoulder and leg straps; * Material; polyamide, polyester, steel with a protective coating, * Standard: SOF UR 9436-1207; SOF UR 9485-2077; SOFU EN 988-2077; SOFUE NS 813: 2017; * Static breaking load - not less than 15 ki); * Dimensions (waist circumferce) - 5 (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	70		
057 UA05410263 0035	Equipment		The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	70		
057_UA05410263_0036	Equipment		VibraGas or similar gas detector	Dimensions: 149-165 x S8 x 34 mm (without "swan neck")+ Swan neck 152 mm Weight: approx. 400 g Display: backlit LCU graphic display with 128 x 64 pixels = symbols Power supply, 4 primary alkaline / manganese cells in the battery holder type Duracell industrial IDISO, rated voltage: 6 volts or 4 secondary NiNHt cells in the battery holder type Unsured Industrial IDISO, rated voltage: 6 volts or 4 secondary NiNHt cells in the battery holder, rated voltage: 8.4 volts, rated power 2700 mht charging time: apple 15 hours before full charge Charging voltage: 11. 14 volts DC Charging current: max. 500m (lived) operating times 215 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 indings, (ppm, vol. 4%, NEL 1, NP / mbar) acoustic: concentration-dependent sound signal- sensitive to vivation depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy. 0 - 1,000 ppm ± 20% of the final value 1,000 - 1,000 ppm ± 20% of the final value Reaction time: 190 s 10 sec.	from	35		
057_UA05410263_0037	Equipment		GOLIATH gas analyzer or similar	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	87		
057_UA05410263_0038	Equipment		Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	from	175		
057_UA05410263_0039	Equipment		Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	from	9		
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 Reatins 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 syptem of "magnetic" antennas. Neasurement (estimation of the depth and relative values of the superiude of the current "pudsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the current "pudsations" of communications and the relative magnitude or the variable component of the flowing current and "potential". 1. Operating frequency (if work), H. 100, 195, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave = 5.5%. Attenuation of signals with a frequency of 50 H at f work, dis: 100, 150 Hz not less than 110 at f rob, dis: 1203, 5000 Hz not less than 125 at 150 Hz not less than 126 at 150 Hz not verse than 12 at 150 Hz not less than 126 at 150 Hz not verse than 12 at 150 Hz not verse than 15	from	17		
	057_UA05410263_0037 057_UA05410263_0028 057_UA05410263_0029 057_UA05410263_0030 057_UA05410263_0031 057_UA05410263_0032 057_UA05410263_0033 057_UA05410263_0034 057_UA05410263_0035 057_UA05410263_0035	057_UA05410263_0027 Equipment 057_UA05410263_0028 Equipment 057_UA05410263_0029 Equipment 057_UA05410263_0030 Equipment 057_UA05410263_0031 Equipment 057_UA05410263_0032 Equipment 057_UA05410263_0033 Equipment 057_UA05410263_0034 Equipment 057_UA05410263_0035 Equipment 057_UA05410263_0036 Equipment 057_UA05410263_0037 Equipment 057_UA05410263_0038 Equipment 057_UA05410263_0038 Equipment 057_UA05410263_0039 Equipment	057_UA05410283_0027	Sept UNDS 10283 2022 Equipment	Page Page	1807 1807	Section Sect	September Sept

4092	057_UA05410263_0041	Equipment	Laser ELLI leak indicator		Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (bouch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time 5.8 hours per charge (6 hours) Power supply Lithlum-on batter y Beam size 25° 30 cm dat 3 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 are strong 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 50% RH without freezing Protection class 1954 USS conceitor, Neadphones, Coconnector Accessories Headphones, belt, bag, charger Accessories Setting device	from	9	
4093	057_UA05410263_0042	Equipment	Heat gun S kW		* Sentice area, kV. m - 50°, * Power, W - 5000; * Installation - Floor; * Type of coalant - electric; * Type of heating element - ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 5 momths of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220 I m	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-40 150 hp 6-Mech 4x4 Business Engine Engine code: 26D-FIV Type: turbocharged diesel engine L4 / 16-valve DOHC Fuel type: diese flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20 x 900 Compression ratio: 15.6: 1 Maximum power (4W (h)) at 700 / 100 /	from	32	
4097	058_UA03351208_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Oylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Meed cycle: 7.1 I / 100 km feut lank: 67 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Veriliated discs Rear: WHEEL discs Discs: Steel Disc size: 16	from	40	
4098	058_UA03351208_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	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 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 271 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm printer for thermal printing; Centronics-USB or R5232-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%) Optup to power [V] 2500 Required unit power [W] 3000 Housing density class IP AMAX-acception server [M-62 Operation server [M-63]	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	supply parameters Parameters / Machine type KmT400	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	

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 bineter (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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 install	from	8	
4113	058_UA03351208_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	8	
4114	058_UA03351208_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / 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, I / 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 TN RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuG to Du150mm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laving a bypass ine, complete with small mechanization.	youmn - Internal claimeter of a pipe) - 2 pcs 5 viewing device tor Stop system SS 11 2 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 postem SS2 12 bar 1 pcs 6. Stop cystem 2 amedis SS2 12 bar.		from	8	

						Power supply - 220V, frequency 50Hz. from the petrol			
4117	058_UA03351208_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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	rower supply -2 cur, requestry Sun / notin the petuto generator with power - the maximum / noting 3.0 / 2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 6000, - 640 cartingle, Lummious flux - 96,000 lm. The fan has a power of 1200 W, in the mode of blowing - 6000 lm. The fan has a power of 1200 W, in the mode of blowing - 6000 lm. Inflation time of the cylindre - up to 50 sec, Time of 6000 lm. Inflation time of the cylindre - 1000 to 1000 miles of 1000 lm. Inflation time of the lamp - up to 50 minutes. Wind resistance (children in FosAl-AL Class of protection of insulation from electric shock - II. The power units located in a cylindrical plastic housing, which is made of dielectric material. The fabric offinder is a facility of the cylindre is 5 meters. Service iffe - not less than 5 years. Warranty period of operation of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 60000000 flum. Total weight with generator - 100000000000000000000000000000000000	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 Hz Engine and device characteristics Engine model GENERAC Gas consumption 82.8 m3. Start hype electric start Fuel type gas Engine type: 4-stroke engine Number of cylinders 6 Cooling Equid cooling Engine manufacturer Generac Kooninal power 26 MW. Dimensions 5128246543195 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / Dustane kg UFG Weight 35 power 275 kW Threephase voltage (380 V) Features hour meter emergency stop system Noise level 66 dd 8	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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	8	
4125	058 UA03351208 0030	Equipment		Centralizers for steel pipes with a diameter fro	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	40	
4126	058_UA03351208_0031	Equipment		325 mm to 720 mm 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 * SMP 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; * Materiai: polyamide, polyester, steel with a protective coating; *Standard: DSIUE N 361-2017; DSTUE N S36-2017; DSTUE N S13: 2017; *Static breaking load - not less than 15 kN; * Dimensions (wasts circumference) - 5 (Fd0mm - 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_UA03361208_0036	Equipment		VibraGas or similar gas detector		Dimensions: 149-165 v 58 x 34 mm (without "swan neck") + Swan neck 12 mm Weight approx. 400 g Display; backlit LDC applict display with 128 x 66 pinet's symbols Power set by a primary alkaline / manganese cells in the battery holder type Dornacel industrial ID1500, rated voltage; c volts or 4 sociaday NiMH cells in the battery holder type Dornacel industrial ID1500, rated voltage; a 8 wolts, rated power; 2700 m/h Charging LIII. 1.4 volts DC Charging current max. 500m/k (Iruse) Operating time: a pprix. 6 hours without backlight, varring 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. 1,%, KEL, high m/har) a coustic concentration dependent sound signal sessibite to vibration depending on concentration Principle of operation. Semiconductor sensor (SC) Measurement accuracy: 0 - 1,000 ppm ± 20% of the final value Reaction time: 90 s 10 s cm: 20% of the final value Reaction time: 90 s 10 s cm:	from	80	

4132	058_UA03351208_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 IPSD dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 509 ATEX E 079 X - Ex II 2G Ex ib d IIB T3 / T4 Gb *Weight of extinguishing agent, kg -3.5 ° Type Carbon	from	200		
4133	058_UA03351208_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	dioxide	from	400		
4134	058_UA03351208_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. 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 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. Numerous values for the system of spragnetic and electric antennas. Numerous values for the technical sond the magnitude of the current "pulsations") Direct measurement: numerical values of the depth of the direct walkes of the technical sond the system of "courrence" 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 to the variable component of the flowing current and "potential". 2. Bandwidth at the level of 0.1 rom f siave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at t work, dis 100, 150 Hz. Attenuation of signals with a frequency of 50 Hz at t work, dis 100, 150 Hz. Attenuation of signals with a frequency of 50 Hz at two fixed to the signal 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, af 1 - 1020 Hz, not more thank" ± 2.7 Number of measurement values registered, 3 000 8 2.7 Number of measurement values registered, 3 000 s. Currenton to the course 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 LCD display (touch screen) Response time For 0.2 sec. Measuring method Tranable diode-based laser absorption spectrometer (TDLAS) Operating times 8 hours per charge (6 hours) Power supply Ltithum-in Datatry Beam size 25 7 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 m m Measurement range 0 ~ 50,000 parts per million Sensitivity 10 parts per million at a distance of ~ 10 m 20 parts per million at a distance of ~ 10 m 20 parts per million at distance of 10 ~ 30 m Operating temperature -17 to 50°C. Hundlidy from 5 to 50% RN whoto threezing Potection dass IPS4 USS connection, Neadphones, DC connector Accessories Headphones, bbt. Day Charger Accessories Setting device	from	20		
4137	058_UA03351208_0042	Equipment	Heat gun 5 kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - recramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2: * Warranty - 36 months of flotical warranty from the manufacturer * Protection functions. * Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move * Voltage, in - 220 I	from	20		
4138	058_UA03351208_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		
4139	058_UA03351208_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		
4140	059_UA03351912_0001	Equipment	Toyota Hiliux 4 * 4 pickup or similar	2.4 D-40 150 hp 6-Mech 4x4 Business Engine Engine Code: 2GO-FTV Type: turbocharged diesel engine 14 / 15-valve ODHC Fuel type: diesel fluel with clean number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92.0 v 990, Compression ratio: 15.6: 1 Maximum power (lkW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N = n at rpm)): 400/1, 600 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front aide and connecting a reduced gear Dynamic indicators Maximum speed (lkm /h 1; 170 Acceleration - 0.100 km /h (s): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher	from	18		

4141	059_UA03351912_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Mwed cycle: 7.1 / 100 Nm Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Yipe: Mechanical Drive: Front Quantity gears: SBRAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	from	23	
4142	059_UA03351912_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	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 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm 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 [V c] -1.0 40, lat relative humidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 6.48 (D.5 V adjustable) Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Polymory 200 last stitches Printing and copying parameters USA [8-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] (93.9, 64.7)	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 4 40 (at relative humidity-;75%) storage temperature range [*C] - 20 + 50 Supported SDR 9, 11; 136, 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm) 300x520x505 Pressure control proportional valve Pressure control range [bar] - 90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, Machine type Km1400 Dimensions (mm) 680x320x360 Pressure adjustment proportional valve Pressure adjustment range lad 19-09 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height (mm) 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x680x75 Weight [kg] 15 mt 100x160x160x160x160x160x160x160x160x160x	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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 ³ (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 \ 2 " L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, 1 / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LxWxH), mm 530x280 Weight, kg 9 Rotation counterlockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes	from	5	

4157	059_UA03351912_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	5	
4158	059_UA03351912_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DASO to DUSDform, with a maximum working pressure of 12 kg / 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). 1-15 / SS3 12 bar (required for work for diameters. Du 50-150). 1-15 / SS3 12 bar (required for work for diameters. Du 50-150). 1-15 / SS3 12 bar (required for work for diameters. Du 50-150). 1-15 / SS3 12 bar (required for work for diameters. Du 50-150). 1-15 / SS3 12 bar (required for work for diameters. Du 50-150). 1-15 / SS3 12 bar - 15 / SS3 12 bar	For works (flow stop) on pipelines with a diameter of Du 50	from	5	
4161	059_UA03351912_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc: Stretch marks not less - 3 pcs Peg metal - Nodraft LOOI Jmm, 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 dicharge lamp DNAT with a capacity of 600W., £40 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 50 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 - 6000450x6000 (h) mm. Total weight with generator - 10 to 55 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 Eigine and device characteristics Engine model SFMEMC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine humber of cylinders 6 Cooling fluid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123414631495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane & Igh DW Wight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 4167	059_UA03351912_0027 059_UA03351912_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from from	9	
4168	059_UA03351912_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon battery 2100 mA / h , clip belt	from	90	

4171	059_UA03351912_0032	Equipment	Hose gas masks (hose length 10 m)	Complete set: *10m hose -1pcs * Rubber c 2pcs *Belt -1pcs * Shoulder strap - 1pcs * 5 1pcs *Douts filter -1pcs * 5MM mast	nal rope 10m - from	90	
4172	059_UA03351912_0033	Equipment	The lights are explosion-proof	Power supply - battery; * Charging method lagress protection: IP66; * Housing - poltery; * ZONE 2; * Stattery lope - built-in battery ZONE 2; * Statter	Zone of use - from	135	
4173	059_UA03351912_0034	Equipment	Life jackets	" Safety belt combined with shoulder and Material: polyamide, polyester, steel with a p s " Standard SDT URN 381-2017, FOJT URN 381-2017, FOJT URN 381-2017, ST Static breaking load - not less Dimensions (wast circumference). 5 (640mm (850mm - 1300mm); L (1100mm - 15	tective coating; 1017; DSTU EN Ian 15 kN; * - 1000mm); M	90	
4174	059_UA03351912_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyami protection system * Length, m		90	
4175	059_UA03351912_0036	Equipment	VibraGas or similar gas detector	Dimensions: 149-165 x 58 x 34 mm (without Swan neck 152 mm Weight: approx. 400 g bit graphic display with 128 x 64 piests + symbol primary alkaline / managenese cells in the bat Duracell industrial ID1500, rated voltage secondary NIMH cells in the battery holder, volts, rated power 2700 mAh Charging time before full charge Charging voltage: 1114 current: max. 500mA (fuse) Operating in (without backlight), warning message if rech automatic situ-toff when voltage is tool temperature: during operation: 20° C cto visual: digital concentration readings, (ppm, / mbar) a coustic: concentration-dependent sensitive to vibration depending on concentr operation: Semiconductor sensor (5C) Messus 0-1.000 ppm 2 20% of the final value 1,000 20% of the final value Reaction time: 52.00% of the final value Reaction time	wan neck") + ay, backit LCD ower supply, 4 ry holder type volts or 4 voltage: 4.8 prox. 6 hours ts DC Charging from from right required, A Ambient on Principle of ment accuracy: LOODO ppm ±	45	
4176	059_UA03351912_0037	Equipment	GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight NiMi- Operating temperature :10 ° C to 40° C C Depending on application and lighting Chargi powered by 12V DC or 230V AC, Time chargin USB port (specified at 500 mA), Charging time Data storage 4 MB flash memory for more measurement values Protection type ISP4 d 110 x 87 m Weight approx. 12.50 g Explo ATEX 8VS 09 ATEX E 079 X - Ex II 2G Ex ib c	erating time The charger is approx. 3 hours pprox. 8 hours an 1 million ensions 200 x in protection	113	
4177	059_UA03351912_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * dioxide	pe - Carbon from	225	
4178	059_UA03351912_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - m detection depth, m - more than 1.5 * Warra	ual * Max. y - 24 months from	11	
4179	059_UA03351912_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected electropotential antennas into a single struct protected. Interference immunity Retains' operational characteristics when operating in voltage transmission lines, includitation Analog sound signal separately for magnetic and el Numerous values for the system of "magn Measurement (estimation of the depth and the signature of the control of the signature of the control	re. Dust spray sechnical and earea of high- phylic scale and rir antennas. "antennas. "antennas. "antennas. "antennas. "antennas. "antennas. "form "Antennation B: 100, 150 bt tels pian! magnetic field, determined so of the route) less than 200 to more thank' red, 3000 "continuous continuous "continuou	23	
4180	059_UA03351912_0041	Equipment	Laser ELLI leak indicator	Technical data Gas Methane (CH4) LCD display (touch screen) Response tim Measuring method Tunable dlode-based la spectrometer (TDLAS) Operating time 8 ho hours) Power supply Lithium-ion battery Rea at a distance of 30 m > 30 m depending or reflection Weight 1.6 kg Dimensions 237 7 Measurement range 0 - 50,000 parts per milli parts per million at a distance of 0 - 10 m 20 at a distance of 10 - 30 m Operating temper. Humidity from 5 to 90% RH without freezing IP95 USB connection, headphones, DC conn Headphones, belt, bag, charger Accessories	or 0.2 sec. r absorption per charge (6 size 25 ~ 30 cm se object of 67 7 × 74 mm 7 sensitivity 10 urts per million re -17 to 50°C rotection class or Accessories	11	

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 braing element - ceramic; *Purpose - Industrial; *Management - mechanical; *Type of heating - Fan; *Number of heating modes - 2; *Warranty - Se months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 Innove * Voltage, in - 220	from	11	
4182	059_UA03351912_0043	Equipment	Ins	stallation 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: 260-FTV Type: turbocharged diesel engine 4.7 15-valve DOHC Fuel type: diesel file wilth cetaen number of 48 or higher Displacement (cm3): 2993 (ylinder diameter x piston stroke mm): 92.0 x 90.0 Compression ratio: 15.5 f. 1 Maximum power (kW (hp) at pm): 110 (150)/ 3 400 Maximum torque (N · m at mm). 3: 4001/E00 - 2000 Environment standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengagine the front axle and connecting a reduced gear Dynamic indicators Maximum speed (lm/ 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	Voll	ilkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 km at 3000 rpm. Cylinders: 4 Engine type: diesel engine Super-Harger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 to 100 km / h Nideo cyle: 7.1 / 100 km Fiel tank: 70 i Field: Diesel Eco-standard compilance: Euro-5 PPC Name: 5-MKP Type: Mechanical Orive: Front Quantify gears: 5 BRCAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	from	13	
4186	060_UA03366701_0003	Equipment	Auto	conomous 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		Velding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 7125 / 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 39, 4,7 mm Printing Centronic-SUSB 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 [° [-] 0.40 do [a tellate humlding '7.59] Output power [V] 2500 Required unit power [W] 3000 Housing density dass [V] 648. [0.5 V adjustable) Operating voltage range [V] 6-48. [0.5 V adjustable) Operating time range [s] 0.4999 [1.5 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] 63.9, 96.77.	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 1-78) Storage temperature range [**C] - 20 + 50 (at relative humidity 1-78) Storage temperature range [**C] - 20 + 50 Supported 50R 9, 11; 13.6, 17; 17.6, 21; 26; 27.6, 33, 41 Parameters of manual power suppliers Parameters / Machine type Km*1400 Dimensions [mm] 300x520x505 Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km*1400 Dimensions [mm] 680x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 5700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters / Machine type Km*1400 Rev. [pm] 20 Dimensions (Width) height [mm] 600x800x19 Weight [kg] 51 Heating plate parameters / Sarameters / Machine type Km*1400 Rev. [pm] 20 Dimensions (Width) height [mm] 600x800x19 Weight [kg] 51 Heating plate parameters / Sarameters / Machine type Km*1400	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 Juvation 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 levtrode, mm 1,6-5 csee	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)	from	7	
4191	060_UA03366701_0008	Equipment	C	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	27	
4192	060_UA03366701_0009	Equipment	c	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 (idling): 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 17.1 Vibration 19.5 m /s (drilling) 13.5 m /s (frilling) 13.5 m /s (artilling) 159 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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LXWXH), mm 41Dx350 Weight, kg 14	from	3	
4200	060_UA03366701_0017	Equipment	Stanley COV10 circular saw, with a disk on concrete		Oil flow, I / 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, I 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, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSO to LOSIOnm, 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 2 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps3 - 1.0 bide of the internal cap art. 715 for art. 530 (necessarily necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pc4 s. 510 postem - 351 model 2 Datars (Do 50-150) - 90mm - internal diameter of a pipe) - 2 pc 5 Ufewing device for Sop system SS1 Datar - 1 pc4 s. 1 Weining device for Sop system SS1 Datar - 1 pc4 s. 1 Weining device for Sop system SS1 Datar - 1 pc5 s. 9 Stop had 05 x12 - 2 pc4 s. Weining device for Stop system SS1 2 bar - 1 pc5 s. 9 Stop system - 3 model SS3 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 1 Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hourset, high pressure hose with R9S, t. = 10007 refuelee (2 pc5 - 1 pc5 s. 12 Hydraulic actuator DOA AMS5 (Italy) - 1 pc s. 13. Weiling generator NeW MAGIC WEID M M MCSA (Italy), set: wedding cable M307019390 (10m * 8m, 35mm2); (5 m cable) - 1 pc5	For works (flow stop) on pipelines with a diameter of Du 50	from	3	
4205	060_UA03366701_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Komer & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - KWarda TJohd 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 600VW. £40 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 lamp- up to 60 sex., Time of full incindescence in F6.544. Class of protection of insulation from electric shock - II. The power unit is located in a cylindrical plastic housing, which is made of electric material. The fabric cylinder is made of special air-waterproof, durable insepandementarial, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of storage - 6 months. Warranty paid of oppration of the installation - 12 months. Dimensions of the installation in the folided state the generator - 600x450x600 (In) mm. Total weight with generator - up to 65 kg.	from	13	

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 Continuous operation time 12 h Engine and device characteristics Engine mode (SNERAC Sax consumption 84.38 m3. Start type electric star Fuel type gas Engine type; stroke engine Number of cylinders 6 Cooling (jould cooling Engine manufacturer Generax Nominal power 240 kW Dimensions 51232.1463.9136 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane, Putanes (gL ROW leight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noble level 66 d8 system Noble level 66 d8	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 15 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 - hor cap Size in mm 6,7,8,9,10,11,2,13,41,5,16,17,18,19,22,22,24,25,25,25,25,25,25,25,25,25,25,25,25,25,		40	
4209	060_UA03366701_0026	Equipment				Set of hexagonal heads, 6-36 mm	Hexagonal end hexids 1/2 * 6; 8; 10; 11; 12; 13; 14; 15; 16; 18 19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratche handle: 1/2 "mechanism; 1/2 "extenders: 75, 125; 250 mm; cardan joint 1/2"; platfix sulticase	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 ban Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	3	
4213	060_UA03366701_0030	Equipment				Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	13	
4214	060_UA03366701_0031	Equipment				325 mm to 720 mm Motorola radios (wokitoki type)	Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMR) Power - 0.5 W Weight - 26 g Dimensions 7 x 116 x 38 mm Options - r / s, charger, Li-lor battery 2100 mA/ h , dip belt	from	53	
4215	060_UA03366701_0032	Equipment				Hose gas masks (hose length 10 m)	Complete set: *10m hose - 1pcs * Rubber corrugated tube- 2pcs *Bet- 1pcs * Shoulder strap - 1pcs * Signal rope 1on 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 / 200 V, ** lagress protection: IPF66, ** Housing - polymer; ** Zone of use 200 R2, ** Battery type - Unit-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: DSTUE N361-2017, OSTUE N385-2017, OSTUE N385-2017, OSTUE N385-2017, OSTUE N385-2017, OSTUE N385-2017, STUE N385-2017, STUE N385-2017, STUE N385-2017, STUE N385-2017, STUE N385-2017, OSTUE N385-2017,	from	53	
4218	060 UA03366701 0035	Equipment				The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	53	
4219	060_UA03366701_0036	Equipment				VibraGas or similar gas detector	protection system "Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight approx. 400 g bisplay: backit LCI graphic display with 128 x 64 pixels * symbols Power supply-); primary alkaline / manganese cells in the battery holder type Duracell Industrial IDISOD, cated voltage: 6 volts or 4 secondary NiMt cells in the battery holder, a trade voltage: 6 volts or 4 secondary NiMt cells in the battery holder, a trade voltage: 10, 11 a volts DC Charpin current: max. SOOm (luse) Operating time: approx. 6 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is to loo wAmbient temperature: during operation: 20° C to +50° C Display- visual: digital concentration ordenging, (porp. vol%, MEL, Inh / mbar) acoustic: concentration-dependent sound signal- sensitive to vibration depending on concentration Principle o operation: Semiconductor sensor (SC) Measurement accurag, 0 - 1,000 ppm ± 20% of the final value 1,000 - 1,000 ppm ± 20% for the final value Lone 1,000 ppm ± 20% of the final value Lone 1,000 ppm ±	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 ° Cto + 40 ° C Operating time Depending on application and lighting Charging The charger powered by 12V Oc or 230V AC, Time charging approx. 3 hou US8 port (specified at SO0 mA), Charging time approx. 8 hour Data storage 4 M8 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		66	
4221	060_UA03366701_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon	from	133	
4222	060_UA03366701_0039	Equipment				Metal detector	" Discriminator - Ves * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	from	7	

4223	060_UA03366701_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" polisations? Direct measurement: numerical values of the depth of the order ord
4224	060_UA03366701_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 (TDL4S) Operating time 5.8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 * 30 cm at a distance of 3.0 m · 30 m depending on the object of reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm Measurement range 0 * 5,000p parts per million Sensitivity 10 parts per million at a distance of 10 * 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 IPS4 USB connection, headphones, DC connector Accessories Headphones, belt, losg, charger Accessories Setting device
4225	060_UA03366701_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of localint - electric; * Type of heating element - teramic; * Purpose - Industrial; * Management - mechanica; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 56 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 200 lines* * Voltage, In - 220 li
4226	060_UA03366701_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W - 2300 * Number of speeds - 2 * Mains voltage, 8 - 220 - 240 * Features - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months
4227	060_UA03366701_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)	For work (flow stop) on pipelines of small diameter Du 20 mm to Du 50 mm (5/4 - 2 inches) and working pressure up to 12 bar from 16
4228	061_UA03352432_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2G0-FTV Type: turbocharged diesel engine 14 / 15-valve DOHC Fuel type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2938 O/kinder 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)]: 2400/1500 - 2000 Environment standard: EURO 6 of Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front aste and connecting a reduced gear Dynamic indicators Maximum speed (um / ht : 2)0 Acceleration to 100 km / h (\$\frac{1}{2}\$ 13.3 Fuel type: diesel fuel with cetane number of 48 or higher
4229	061_UA03352432_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar	ENGINE Volume: 2.01 (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 us: to 100 km / h Nider Cycle: 7.1 / 100 Nm Fuel tank: 70 Toutle: Diesel Eco-standindr Compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical More: Front Quarter Speed: 5 MKP Type: Mechanical Speed: 5 MKP Speed: 100 Name: 5 MKP Type: Mechanical Speed: 5 MKP Speed: 100 Name: 5 MKP Type: Mechanical Speed:
4230	061_UA03352432_0003	Equipment	Autonomous welding unit DGW 310 MS / RS - 1- post	Rated welding current 26/7/280 A, DC Rated welding voltage 30.4 / 31.2 V Operating cycle 100% Current corntor large 35- 280 / 45-310 Welding electrode 9 2.6 - 6.0 mm Frequency 50/60 Hz 50/60 Hz

4231	061_UA03352432_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-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 -1 0-4 04 of tealter bumidity -575%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 6-48 (0.5 V adjustable) Operating vibrage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4999 [t 3 adjustable) Everal printer memory 200 last stitcher Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] 93.9; 94.7	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 sildes, a laying rack, a set of reducing inserts, mounting supports, the thermal printer, a set for archiving of seams	supply parameters Parameters / Machine type KmT400	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)	from	10	
4235	061_UA03352432_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	39	
4236	061_UA03352432_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	39	
4237	061_UA03352432_0010	Equipment	diameter of 90-250 mm 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 (idling): 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 n / s (drilling) 135 n / s (drilling) 100 imensions 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 $^{\circ}$ L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), 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, I 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, m3 \ g 2100 Oli flow, I / 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, I / 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 DuSto to DuStofmm, with a maximum working pressure of 12 kg / cm² and the possibility of slaying 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) - 15 / SS3 12 bar (required for work for diameters. Du 50-150) - 15 / SS2 / SS3 12 bar (required for work for diameters. Du 50-150) - 15 / SS2 / SS3 12 bar (required for work for diameters. Du 50-150) - 15 / SS3 12 bar (required for work for diameters of Du 50-150) - 10 / SS3 12 bar - 15 / SS3 12 bar		from	4	
4249	061_UA03352432_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOMER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare Impn - 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., E80 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 mixtures. 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 beriod of poration 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 S0 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics. Engine model GENRAC 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 51234.4663.1495 mm Warranty 12 months Installation type stationary Fuel brand Main gas N6 + gas propane / butane kg LPG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 4256	061_UA03352432_0028 061_UA03352432_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	4	
4257	061_UA03352432_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	19	
4258	061_UA03352432_0031	Equipment				325 mm to 720 mm 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-lon 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 * SMP 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 388-2017; DSTU EN 361-2017; DSTU E	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 biplays: backlit LCD graphic displays with 128 x 64 pieces symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial ID1500, rate of voltage: 43 volts, rated power: 2200 mAh Charging time: approx. 6 hours before full charge: Charging voltage: 11 14 volts DC Charging current: mxs. 500mA (fuse) operating time: 3 proc. 6 hours before full charge: Charging voltage: 11 14 volts DC Charging current: mxs. 500mA (fuse) operating time: 3 proc. 6 hours (without backlight), warning message if recharging required, automatic subst-off when voltage is too low Ambient temperature: during operation: 20 °C to 50 °C Display: visual: digital concentration readings, (pom, yol4%, ME LE, Pha / 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 = 1,000 ppm ± 20% of the final value Reaction time: 90 s 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° Cto +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 USS port (specified at S00 mA), Charging time approx. 3 hours Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS-8 Dimensions 200 x 100 x87 mm Weight approx. 12,50 Explosion protection ATEX 8VS 09 ATEX E 079 X - Ex II 2G Ex lb 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 aystem of "magnetic" antennas. Numerous values for the aystem of signapentic "antennas. Numerous values for the aystem of signapentic" antennas. Numerous values for the depth and relative values of the magnitude of the current "pussionis" pilicent of the magnitude of the current "pussionis" pilicent of the warnable component of the flowing current and "potential". 1. Operating frequency (1 work, 1, Hz 100, 150, 1020, 5000.) 2. Bandwidth at the level of 0.7 roor f siave ± 5% 3. Attenuation of signals with a frequency of 50 hz at twork, dis 100, 150 hz not less than 110 at 1 roo, dis 100, 5000 hz not test than 183 4. Sensitivity to the input of the receiver relative to the signal / noise 6db, yr low dovers than 2.5. Sensitivity to magnetic field, mA / m not worse than 0.2.6. Deviation of the determination walked of the depth of communication (to the axis of the route), at a current in the place of determination not less than 20 Ma, for a depth of communication (to the axis of the route), at a current in the place of determination not less than 20 Ma, for a depth of communication (to the axis of the route).	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 dische-based lazer absorption spectrometer (TDLAS) Operating times 2.8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 2.5 ~ 30 cm at a distance of 30 m > 30 m depending on the object of reflection Weight 1.6 kg Dimensions 2.37 × 1.67 × 7.4 mm Measurement range 0 ~ 5.00.00 parts per million established to the control of the	from	10	
4269	061_UA03352432_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of floridla 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	

					For work (flow stop) on pipelines of small diameter Du 20 mm			
4271	061_UA03352432_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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: 26D-FTV Type: turbocharged diesel engine 14/16-valve DOHC Fuel type: diesel fluel with Cetane number of 48 or higher Displacement (cm3): 2939 Cylinder diameter x piston stroke (mm): 9,20. x 900, Compression ratio: 15,6:: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm): 1400 (150 0 - 200 Entromental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of diseagging the front ask 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 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Mm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s t 100 km / h Mixed cycle: 7.1 I / 300 km Fuel tank: 70 i Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: S BeRAS 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 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Internhangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or 85232-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 [V - 1.0 + 40] te trelative humidity - 575%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P - 54 Max. operating current [A] - 63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4990 [t s adjustable) Operating time range [s] 0-4990 [t s adjustable) only operating time range [s] 0-4990 [t s adjustable) only operating time range [s] 0-4990 [t s adjustable) only operating time range [s] 0-4990 [t s adjustable] only ope	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	supply parameters Parameters / Machine type KmT400	from	3	
4277	084_UA03353503_0006	Equipment	Inverter type welding machines 200A		Rated voltage of the power supply network, 8 220/230 Rated current consumed from the network, 4 25 Nominal welding current, 4 200 Maximum operating current, 4 240 Puration of loading (TN) 40% Limits of change of a power supply network, 8 160-260 Limits of regulation of welding current, 4 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 / s ² (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 $^{\circ}$ L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	3	
4290	084_UA03353503_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSt to DuStform, with a maximum working pressure of 12 kgf / cm2 and the possibility of siying a bipass line, complete with small mechanization.	Stop system SS 112 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 pcs 12 bar - 2 pcs 7. Stop head DN 3 1/2 "- 2 pcs 8. Viewing device for Stop pcs 12 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system SS 21 bar - 2 pcs 9. Stop system 2 p	For works (flow stop) on pipelines with a diameter of Du 50	from	3	
4293	084_UA03353503_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Kwafart JinkOl 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., £40 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 thing the source of 100 M control of 100 M contro	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 2 Lb Figine 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 5122416624198 mW Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane/ butane 8 gLD KW eight 38 power 278 kW Three-phase voltage (380 V) Features hour meter emergency stop system Note level 66 d8	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 - horr 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	
								24,27,30,32			

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084_UA03353503_0026	Equipment		Set of hexagonal heads, 6-36 mm	19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint	from	45		
084_UA03353503_0027	Equipment		Rail jacks	load capacity 5 t	from	6		
084_UA03353503_0028	Equipment		Hydraulic jacks 5 t.	load capacity 5 t	from	6		
084_UA03353503_0029	Equipment		Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, bar - 10 ba Productivity, I/m - 2201 / m in Shape - Horizontal Tank volume, I - S01 Compressor type - Piston Conweyer wheels	from	3		
084_UA03353503_0030	Equipment		Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	15		
084_UA03353503_0031	Equipment		Motorola radios (wokitoki type)	g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lor	from	60		
084_UA03353503_0032	Equipment		Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrugated tube 2pcs * Belt - 1pc * Shoulder strap - 1pcs * Signal rope 10m 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs	from	60		
084_UA03353503_0033	Equipment		The lights are explosion-proof	Power supply - battery, ** Charging method - 12 V / 20 V ** ligress protection: IP66; ** Housing - polymer; ** Zone of use 20NE 2; ** Battery type - build-in-battery; ** Type - manual.	- from	90		
084_UA03353503_0034	Equipment		Life jackets	813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - 5 (640mm - 1000mm); N (850mm - 1300nm); L (1100mm - 1500nm);	g; from	60		
084 UA03353503 0035	Equipment		The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	60		
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 LCI graphic display with 128 x 64 pixel = ymbors Power supply; primary alkaline / manganese cells in the battery holder type Duracell industrial 101500, rated voltage: 64 volts or 4 secondary NiMH cells in the battery holder type volts, rated power: 2700 mAh Charping inter-approx. 6 hour before full charge Charping voltage: 11 14 volts DC Charping current max. 500mA (fixel) opperating times 15 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is to obe Ambient temperature: during operation: 20° C to + 50° C Display- visual: digital concentration aredings, fopm, vol. 4%, ELP, M / mbar) acoustic: concentration-dependent sound signal- sensitive to vibration depending no concentration-Principle	4 8 8 5 6 From	30		
084_UA03353503_0037	Equipment		GOLIATH gas analyzer or similar	powered by 12V DC or 230V AC, Time charging approx. 3 hou USB port (specified at 500 mA), Charging time approx. 8 hou Data storage 4 MB flish memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 100 x87 mW leight approx. 1250 Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 26 Ex Ib d IIB T3 / T4 Gb	rs from	75		
084_UA03353503_0038	Equipment		Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	from	150		
084_UA03353503_0039	Equipment		Metal detector	* Discriminator - Yes * Soil balancing - manual * Max.	from	8		
084_UA03353503_0040	Equipment		Route finder SPRUT-17	protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high voltage transmission lines. Indication Analog graphic scale an sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the against values of the depth of the "occurrence" of communications and the relative magnitude the variable component of the flowing current and "potential 1. Operating frequency ("work.), Hz 100, 150 to 120, 5000 2. Bandwidth at the level of 0.7 from f slave ± 5% 3. Attenuation of signals with a frequency of 50 Hz at flowrs, is 100, 150 H not less than 110 at f rob, dis 1020, 5000 Hz not less than 18 4. Sensitivity to the input of the receiver relative to the signal noise 6dB, µV not worse than 2. S. Sensitivity to magnetic field mA / m not worse than 2. S. Deviation of the determined value of the depth of communication (to the axis of the rout at a current in the place of determination not less than 18	n- d f of ". from n z 5 5 / d,	15		
	084_UA03353503_0027 084_UA03353503_0028 084_UA03353503_0029 084_UA03353503_0030 084_UA03353503_0031 084_UA03353503_0032 084_UA03353503_0033 084_UA03353503_0034 084_UA03353503_0035 084_UA03353503_0035	084_UA03353503_0027 Equipment 084_UA03353503_0028 Equipment 084_UA03353503_0029 Equipment 084_UA03353503_0030 Equipment 084_UA03353503_0031 Equipment 084_UA03353503_0032 Equipment 084_UA03353503_0033 Equipment 084_UA03353503_0034 Equipment 084_UA03353503_0035 Equipment 084_UA03353503_0036 Equipment 084_UA03353503_0037 Equipment 084_UA03353503_0038 Equipment 084_UA03353503_0039 Equipment	G94_UA03355903_0027	Metal March Metal Meta	M. M. L. Company of September 1 M. M. M. M. Company of September 1 M. M. M. Company of September 1 M. M	Section Company Comp	March Marc	Set Application Company Comp

4312	084_UA03353503_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 5.8 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 of parts per million at a distance of 10 ~ 30 m Operating bermperature -17 to 50°C. Humidity from 5 to 90% RH without freezing Protection class 1954 USB connection, headphones, Connector Accessories Headphones, belt, bag, charger Accessories Setting device	from	8	
4313	084_UA03353503_0042	Equipment	Heat gun 5 kW		* Service area, kV, m. 50, * Power, W. 5000, * Installation Floor, * Type of coalant - electric, * Type of heating element - ceramic; * Purpose - Industriaj; * Management - mechanica; * 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 Hillux 4 * 4 pickup or similar		2.4 0-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 2G0-FIV Type: turbocharged diesel engine L4 / 16-valve DNFL Fuel type: diesel fuel with caten number of 48 or higher Displacement (cm3): 2393 / Vilinder diameter x piston stroke (m1): 92,0 x 90,0 compression ratio: 15,6:1 Maximum torque (N · m 16	from	4	
4317	080_UA21155959_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 hm at 3000 rpm. (Vinders: 4 Engine type: diesel engine Super-darger Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mader cycle: 7.1 / 100 m reule tank: 70 km; Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Direc: Fort Quantity gears: 58 MEAS Fort: Verillated disc. Rear: WHEELS disc. Socs: Steel Dix cive: 16**	from	5	
4318	080_UA21155959_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	
4319	080_UA21155959_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings, Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range "Imm] up to 250 mm Barcodes scaner Supply voltage [V] 230 Operating temperature range [V] -13-04 401 tertistive humidity -5%) Output power [V] 2500 Required unit power [W] 3000 Housing density class IP 54 Max. operating vottage range (V) 6-48 (D.5 V adjustable) Operating vitting erange [5] 0-4999 (1 sadjustable) Imma pinter memory 200 last stitches Political and copying parameters USB / RS-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] 93.9 (4-7).	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 sides, 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] -1:0 +0.40 (at relative humidity <75%) Storage temperature range [*C] -2:0 +5.0 Supported SDR 9; 11; 136, 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300:520x505 Pressure control ropportional valve Pressure control range [bar] +0.90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680:320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 6-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Pressure adjustment (mm] 6000 Serial data printers Lathe parameters (mdchine type Km1400 Pressure adjustment (mm] 6000 Serial data printers Lathe parameters (mdchine type Km1400 Pressure adjustment (mm] 6000 Serial data printers (mm] 6000 Seri	from	1	
4321	080_UA21155959_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, B 160-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,6-5 Case	from	5	

						W. I			
4322	080_UA21155959_0007	Equipment		erter 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	Clamp	os 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	Clamp	os 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	from	13	
4326	080_UA21155959_0011	Equipment		Angle grinder of 2,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed	from	8	
		-4-4		0.0 ,		(idling): 6600 rpm Power 1500 W Drilling diameter (steel / concrete / wood) 52			
4327	080_UA21155959_0012	Equipment		2.2 kW perforators		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 f s (drilling) 13.5 m f s* (chipping) Dimensions 599 x 130 x 287 mm dustproof cartridge adapted for SDS-MAX	from	5	
4328	080_UA21155959_0013	Equipment	Hydrauli	lic oil station GPV13 (Stanley), in a set: RVT Ø1 \ 2 " L = 10m		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75	from	1	
4329	080_UA21155959_0014	Equipment	Heavy ja	jackhammer, BRV20 Stanley, included		Handle type T-shaped, anti-vibration Oil flow, I / 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 ja	ackhammer, CHV08 Stanley, included		Handle type D-shaped Oil flow, I / 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	Su	ubmersible pump Stanley TPV16		Max. Productivity, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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	ey COV10 circular saw, with a disk on concrete		Oil flow, I / 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	s	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4334	080_UA21155959_0019	Equipment	The VFVS	8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21	from	1	
4335	080_UA21155959_0020	Equipment	h	Impact wrench IW12 (Stanley)		Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, I / min 15- 45 Working pressure, bar 70-140 Tightening torque, Nm 340- 1632	from	1	
4336	080_UA21155959_0021	Equipment	RAVETT through from D workir	chnological equipment Stop system TM II (Italy) for overlapping gas pipelines h pressure fittings, pipeline diameters bucks to DutSform, with a maximum ing pressure of 12 kgf / cm2 and the y of laying a bypass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 SS3 t2 bar (required for work for diameters to 50-150) - 15 pS2 SS3 12 bar (required for work for diameters to 50-150) - 15 pS2 SS3 12 bar (required for work for diameters to 50-150) - 15 pS2 SS3 12 bar (required for work for diameters to 50-150) - 15 pS3 SS3 12 bar (required for work for diameters of the 50-150) - 15 pS3 - 10-150 pS3		from	1	

						Power supply - 220V, frequency 50Hz. from the petrol			
4337	080_UA21155959_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Madrat 10:010 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs	generator with power - the maximum / working 3.0 / 2.5 kth . Light source - high-pressure discharge lamp DNAT with a capacity of 600W, £40 cartridge. Luminous flav. 9.6000 Lm. In 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 50 minutes. Wind residence (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: P65/4M. Class of protection of firsuition 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-waterproxi of curable inseparable material, the height of the cylinder of 5 meters. Service life - not less than 5 years. Warranty period of sprage - 6 months. Warranty period of operation of strage -6 months. Warranty period of operation of strage -6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state the generator - 60x050x60x60 (lp) mm. Total weight with generator - 10x50x60x60x60 (lp) mm. Total	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 Hz Engine and device characteristics Engine model GENERAC Gas consumption 828 m3. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of (vinders 6 Cooling liquid cooling Engine manufacturer Generac Kominal power 200 kW Dimensions 5123A146531945 mm Warranty 12 months installation type stationary fuel brand Main gas NG - gas propane / Dustane kg LPG Weight 35 power 275 kW Threephase voltage (380 V) Features hou meter emergency stop system Noise level 66 dd 8	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 - horr 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
4345	080 UA21155959 0030	Equipment		Centralizers for steel pipes with a diameter fro	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	5	
4346	080_UA21155959_0031	Equipment		325 mm to 720 mm 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 * SMP 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; * Materiai: polyamide, polyester, steel with a protective coating; * Standard: DSI UR 343-2017; DSTU EN 383-2017; DSTU EN 383-2017; * Static breaking load - not less than 15 kN; * Dimensions (wasts circumference) - 5 (EdOmm - 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	from	20	
4351	080_UA21155959_0036	Equipment		VibraGas or similar gas detector		protection system *Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 126 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 stord voltage: 4.8 condary NiMHd reliain the battery holder stord 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. 500m4 (Isse) Operating time: approx. 6. hours before full charge charging voltage: 11. 14 volts Dc Charging current: max. 500m4 (Isse) Operating times-215 hours (without backlight), varning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: 20° Tot + 50° C Display - visual: digital concentration readings, (ppm, vol%,% IEL, hPl - /mbar) a cossistic concentration dependent sound signal-assistive to vibration depending on concentration Principle operation: Semicroductor sensor (SC) Measurement according operation: Semicroductor sensor (SC) Measurement according operation: Semicroductor sensor (SC) Measurement according on 10,000 ppm ± 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 20% of the final value Reaction time: 90 s 10 s ex 10 ppm = 200 s 10 ppm	from	10	

4352	080_UA21155959_0037	Equipment	GOLIATH gas analyzer or similar	128 x 64 pixel LCO display, backlight NIMH batter Operating temperature -10° Cto +40° C Operatin Depending on application and lighting Charging File powered by 12V DC or 230V AC, Time charging appre USS port (people did a 500 mA), Charging time appre Data storage 4 MB flash memory for more than 1 measurement values Protection type IPS-0 limenia 100 x 87 mm Weight approx. 1,250 g Explosion pr ATK 8 WS 90 ATEX E 079 X = 61.7 BC Ex 64 mB 187	time arger is 3 hours 8 hours from illion s 200 x ection	25	
4353	080_UA21155959_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - dioxide	rbon from	50	
4354	080_UA21155959_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * detection depth, m - more than 1.5 * Warranty - 2		3	
4355	080_UA21155959_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to mage electropotential antennas into a single structure. D protected. Interference immunity Retains its techn operation and haracteristics when operation in the an voltage transmission lines. Indication Analog graphic sound signal separately for magnetic and electric a Numerous values for the system of "magnetic and electric a Numerous values for the cystem of singeried and electric and the system of the current "pulsations" 30 in measurement, numerical values of the depth and relative the magnitude of the current "pulsations" 30 in measurement, numerical values of the depth of "occurrence" of communications and the relative must be variable component of the flowing current and 1. Operating frequency (1 work.), Hz 100, 150, 100C Bandwidth at the level of 0.7 from Sister 8 198. 3.4 of signals with a frequency of 50 Hz at 1 work, dis. 11 not less than 10 at 1 rob, dis. 1002, 5000 Hz not less than 10 at 1 rob, dis. 1002, 5000 Hz not less 4. Sensitivity to the input of the receiver relative to 1 noise 68b, yr not worse than 2.5. Sensitivity to mag mA / m not worse than 0.2.6. Deviation of the det value of the depth of communication (to the axis of at a current in the place of determination not less mb, for a depth of 0.1	t spray al and of high- ale and of high- ale and series of the the strength of the the strength of the strength of the the strength of the strength of the strength of the strength o	5	
4356	080_UA21155959_0041	Equipment	Laser ELLI leak indicator	Technical data Gas Methane (CH4) LCD display 2.8- LCD display (touch screen) Response time For 0 Measuring method Tunable diode-based laser abs spectrometer (TDL4S) Operating time: 8 hours per hours) Power supply Lithium-ion battery Ream size: at a distance of 30 m > 30 m depending on the ol reflection Weight 1.6 kg Dimensions: 23 7 x 16 7 x Measurement range 0 ~ 5,000 parts per million so parts per million at a distance of 0 ~ 10 m 20 parts; at a distance of 10 ~ 30 m Operating temperature: Humidity from 5 to 90% RH without freezing Protect IP54 USB connection, headphones, DC connector Ar Headphones, belt, bug, charger Accessories Settlu	sec. ption arge (6 ~ 30 cm ct of mm from ivity 10 million to 50°C in class essories	3	
4357	080_UA21155959_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Ins Floor; * Type of coolant - electric; * Type of heating ceramic; * Pupose - industria; * Management — me Type of heating - Fan; * Number of heating mod Warranty - 36 months of official avranty from manufacturer * Protection functions - Protection overheating * Features - The handle for on workenet In - 220 I move * Voltage, In - 220	ement - anical; * - 2; * ne ainst	3	
4358	080_UA21155959_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W - 2300 * Number of speeds - 2 * Mains vi 220 - 240 * Features - Adjustable speed * Maximu diameter - 250 mm * Warranty - 24 month		1	
4359	080_UA21155959_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)	For work (flow stop) on pipelines of small diameter to Du 50 mm (3/4 - 2 inches) and working pressure bar		6	
4360	062_UA20538865_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-40 150 hp 6-Mech 4x4 Business Engine Engi 2GD-FTV Type: turbocharged diesel engine 1.4 / 1s-v Full Type: diesel fuel with techen number of 48 on Displacement (cm3): 2393 Cylinder diameter x pist (mm): 92,0 x 900 Compression ratio: 15,6:1 Maxim (laW (hp) at rpm): 110 (150) / 3 400 Maximum torqu (rpm)): 400/1 600 - 2000 Environmental standard Transmission Type: 6-speed manual Drive type: all-v with the possibility of disengaging the front add connecting a reduced gear Dynamic indicators Mi. speed (law / h): 710 Acceleration - 0 100 km / h (s); type: diesel fuel with cetane number of 48 or h	e DOHC igher stroke n power N·m at URO 6 tel drive nd mum .3 Fuel	1	

4361	062_UA20538865_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Maked cycle: 7.1 / 100 km Fuel tank 70 if beel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: S BRASK Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 **	from	1	
4362	062_UA20538865_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	
4363	062_UA20538865_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings, Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm 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 (VJ 230 Operating temperature range [°C] -1.0 40, let relative humidity -75%] Olutyut power (VJ 2500 Required unit power (WJ 3000 Housing density class (P 54 Max. operating current [A] -63 Operating voltage range (VJ 6-48 (D.5 V adjustable) Operating time range [5] 0-4999 [1 s adjustable) Operating time range [5] 0-4999 [1 s adjustable) Poperating time range [5] 0-6490 (D.5 V adjustable) Operating time range [5] 0-6999 [1 s adjustable) Internal printer memory 200 last stitches Printing and copying parameters USA (R-5.23 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] (9.39, 94.7)	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 sides, 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] - 130 + 40 (at relative humidity - 278) storage temperature range [*C] - 20 + 50 Supported SDR 9, 11; 136, 17; 176, 212, 16; 276, 33; 41 Parameters of manual power supplies Parameters (*Machine type Km1400 Dimensions (mm) 3005-20x-505 Pressure control ropportional valve Pressure control range [bar] - 90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters, *Machine type Km1400 Dimensions (mm) 6803-20x-600 Pressure adjustment proportional valve Pressure adjustment range [bar] - 90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heading plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x80x150 Weight [kg] 51 Heading	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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 ² (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 \ 2 $^{\circ}$ L = 10m		Honda \ Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWXH), mm 550x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes	from	1	

4377	062_UA20538865_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 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, I / 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, I / 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 DuSto to UtiSofmm, with a maximum working pressure of 12 kgf / cm2 and the possibility of aliying a bypass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS2 / SS3 12 bar (required for work for diameters 0x 05-150) - 15 / SS3 2 bar (required for work for diameters 0x 05-150) - 15 / SS3 12 bar (required for work for diameters 0x 05-150) - 15 / SS3 12 bar (required for work for diameters of 0x 05-150) - 15 / SS3 12 bar - 15		from	1	
4381	062_UA20538865_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc: Stretch marks not less - 3 pcs Peg metal - Nodraft LOID Imm, 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 - hisp-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 50 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 - 600MSOx6000 (h) mm. Total weight with generator - 000MSOx6000 (h) mm. Total	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 GEVERAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine humber of cylinders F Cooling liquid cooling Engine manufacturer Generac Nominal power 240 KW Dimensions 5123416531495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg IpC Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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	ъ	
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 - horr 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 4387	062_UA20538865_0027 062_UA20538865_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from from	1	
4388	062_UA20538865_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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-lon battery 2100 mA / h , clip belt	from	4	

4391	062_UA20538865_0032	Equipment	Hose gas masks (hose length 10 m)	2pcs * Belt - 1pcs * Shoul	ie - 1pcs * Rubber corrugated tube - der strap - 1pcs * Signal rope 10m - r - 1pcs * SMP mask - 2 pcs from	4	
4392	062_UA20538865_0033	Equipment	The lights are explosion-proof	Ingress protection: IP66;	* Charging method - 12 V / 220 V; * * Housing - polymer; * Zone of use built-in battery; * Type - manual.	6	
4393	062_UA20538865_0034	Equipment	Life jackets	Material: polyamide, poly * Standard: DSTU Ps 18d. \$13: 2017; * Static bre: Dimensions (waist circum (80mm - 1300m)	d with shoulder and leg straps; * ester, steel with a protective coating; -2017; DSTU EN 358-2017; DSTU EN aking load - not less than 15 kN; * from m); L (1100mm - 1500mm); M	4	
4394	062_UA20538865_0035	Equipment	The rescue halyard		Material - Polyamide * Type - Fall ystem * Length, m - 12 from	4	
4395	062_UA20538865_0036	Equipment	VibraGas or similar gas detector	Dimensions: 149-165 x 5 Swan neck: 126 mm Weigig graphic display with 128 x primary alkaline / managa Duracell Industrial ID secondary NiMH4 cells in It volts, rated power: 2700 before full charge Chargin current: max. 500mA (without backlight), warm atomatic shut-off w temperature: during op visual: digital concentratic / mbar) acoustic: conce sensitive to vibration dep operation: Semiconductor 0 - 1,000 ppm 2 20% of t	8x 34 mm (without "swan neck") + tt approx. 400 g losplay. backilt LCD 64 pixels + symbols Flower supply. 4 nessee cells in the battery holder type 1500, rated voltage: 6 volts or 4 he battery holder, rated voltage: 4.8 mAh Charging time: approx. 6 hours gvoltage: 11. al. Volts DC Charging (fuse) Operating time: 215 hours ing message if recharging required, from from the state of the state of the state of the state from the voltage is too low Ambient artation: -20 °C to 5 °C Clisplay; on readings, (ppm, vol%, % LEL, hPa intration-dependent sound signal ending on concentration Principle of sensor (SC) Messurement accuracy; the final value 1,000 -10,000 ppm ± ue Reaction time: 190 s 10 sec.	2	
4396	062_UA20538865_0037	Equipment	GOLIATH gas analyzer or similar	Operating temperature Depending on application powered by 12V DC or 23 USS port (specified at 50) Data storage 4 M8 flast measurement values Pr 110 x 87 mM Weight ap ATEX BVS 09 ATEX E 07	play, backlight NiMH battery pack 2-10 ° C to +40 ° C Operating time and lighting Charging The charger is DV AC, Time charging approx. 3 hours InA), Charging time approx. 8 hours In memory for more than 1 million memory for more than 1 million retection type IPS4 Dimensions 200 x prox. 1,250 g Explosion protection 9 X - EX II 2G EX ib d IIB T3 / T4 Gb	5	
4397	062_UA20538865_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishi	ing agent, kg - 3.5 * Type - Carbon from	9	
4398	062_UA20538865_0039	Equipment	Metal detector	* Discriminator - Yes detection depth, m - mo	* Soil balancing - manual * Max. re than 1.5 * Warranty - 24 months from	1	
4399	062_UA20538865_0040	Equipment	Route finder SPRUT-17	electropotential antenna protected. Interference operational characteristic voltage transmission lines sound signal separately! Numerous volues for the Messurement (estimation the magnitude of	nic unit connected to magnetic and is into a single structure. Dust spray immunity Retains its technical and when operating in the area of high-indication Analog graphic scale and for magnetic and electric antennas. Indication Analog graphic scale and for magnetic and electric antennas. In a second of the depth and relative values of its current "pulsations") Direct electrical values of the depth of the cations and the relative magnitude of the flowing current and "potential". If work, Jr. 200, 150, 1020, 2000 2. O 7 from 1 size = 5% 3. Attenuation y of 50 Hz at 1 work, dis: 100, 150 Hz at 1 work, dis: 100, 15	1	
4400	062_UA20538865_0041	Equipment	Laser ELU leak indicator	LCD display (touchs or Measuring method Tun spectrometer (TDLAS) or hours) Power supply Lithi at a distance of 30 mb reflection Weight 1.6 k Measurement range 0 - 5 parts per million at a distance of 10 - 30 m Humidity from 5 to 90% (FP 40 Measurement Page 10 - 5 parts per million at a distance of 10 - 30 m Humidity from 5 to 90% (FP 40 Measurement Page 10 - 5 parts per million at a distance of 10 - 30 m Humidity from 5 to 90% (FP 40 Measurement Page 10 - 30 m Humidity from 6 to 90% (FP 40 Measurement	ane (CH4) LCD display 2.8-inch color recen) Response time For 0.2 sec. able diode-based laser absorption extenting time £ 8 hours per charge (6 um-ion battery Beam size 25 ~ 30 cm 30 m depending on the object of go Dimensions 237 x 167 x 74 mm (0,000 parts per million Constitivity 10 ance of 0 ~ 10 m 20 parts per million (Operating temperature -17 to 50°C Ht without freezing Protection class adoptions, EO connector Accessories charger Accessories Setting device	1	

4401	062_UA20538865_0042	Equipment		Heat gun 5 kW		*Service area, IV. m - 50; * Power, W - 5000; * Installation- Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industrai; * Management - mechanica; * 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 Inove * Voltage, In - 220	from	1		
4402	062_UA20538865_0043	Equipment	Installation	on 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	II-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	rta Hilux 4 * 4 pickup or similar		2.4 D-4D 150 hp 6-Mech 4x4 Business Engine Engine code: 26D-FTV Type: turbocharged diesel engine L4 / 15 valve DOHC full type: diesel full with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke mm; 9: 20, or 90,0 compression rato: 15,6: 1 Maximum power (64/ ftp) at rpm): 110 (150/) 3: 400 Maximum torque (4V m at pm): 4: 100 (150/) 3: 400 Maximum torque (4V m at pm): 4: 000 (200 Environment Istandard: EUR0 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengages for front asked and connecting a reduced gear Dynamic Indicators Maximum speed (fm / h): 170 Acceleration of 100 mm / h (s): 3.3 Fuel type: diesel fuel with cetane number of 48 or higher	from	4		
4405	081_UA03361419_0002	Equipment	Volkswagen	n T6.1 Box PRO L1H1 EUG 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 101 hp at 4000 rpm Torque: 250 hm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERSTICS Max. speed: 164 km / h Acceleration: 14.3 st to 100 km / h Mixed cyte: 7.1 / 100 km Pers Mixed Cyte: 7.1 / 100 km Pers Mixed Cyte: 7.1 / 100 km Pers Sent Sent Sent Sent Sent Sent Sent Sent	from	5		
4406	081_UA03361419_0003	Equipment	Autonomous	us 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		machines for thermistor welding of plene pipes like Kamitech included	Welding machine, Mounting clamp for couplings: Clamp ssembly 2725 / 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 fips 39, 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 d) a Clatiethe humidity 75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P] 4500 Required unit power [W] 3000 Housing density class [P] 6-48 [0.5 Valigustable] Operating viting a range [V] 6-48 [0.5 Valigustable] Operating time range [s] 0.04590 [t. 3 digustable] 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] 63.9, 94.7 [c. 33.9, 94.7]	from	1		
4408	081_UA03361419_0005	Equipment		ing machines for butt welding of	he hydraulic power supply unit manual or automatic heating plate, plans a planer, fastens slides, a laying rack, a set of ducing 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 (a trelative humidity - 4759). Storage temperature range [*C] - 20-50 Supported 50R 91, 11, 13.6, 17, 17.6; 21, 26; 27.6, 33, 41 Parameters of manual power supplier Parameters of Machine type KmT400 Dimensions [mn] 300x520x505 Pressure control poportional valve Pressure control range [bar] 0-9.0 Operating position vertical System power [V] 5100 Automatic power rangel parameters / Machine type KmT400 Dimensions [mn] 800x20x630 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-9.0 System power [8] 6700 Seam memory 100 last sams Frinter maintenance Serial data printers Lathe parameters / Machine type KmT400 Rev. [pnn] 20 Dimensions (Width) height [mn] 050x050X7 Weight [kg] 51 frieating plate parameters Farameters / Machine type Farameters / Machine type KmT400 Temperature control range [*C] 180-240 Dimensions (height height] mn] 050x080X7 Weight [kg] 51	from	1		
4409	081_UA03361419_0006	Equipment	Inverte	er 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 Juvation 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	Invertee	er type welding machines 400A		Welding inverter for MMA and TIG welding Maximum operating current: 400 A Operating voltage: 380V (3 phases)	from	3		
4411	081_UA03361419_0008	Equipment	Clamps fo	for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	10	-+	
4412	081_UA03361419_0009	Equipment	Clamps for	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 (idling): 6600 rpm	from	8		

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 (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: $ {\sf RVT} \not \otimes 1 \setminus 2 \ {\sf ^{\prime\prime}L} = 10 m $		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 105 Dimensions (LxWxH), mm 500x150 Weight, kg 8	from	1	
4419	081_UA03361419_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, I / min. 26-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LXWXH), mm 41Dx350 Weight, kg 14	from	1	
4420	081_UA03361419_0017	Equipment	Stanley COV10 circular saw, with a disk on concrete		Oil flow, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4422	081_UA03361419_0019	Equipment	The VFVS Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSo to Dut.50mm, 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 2 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps3 - 1.0 bide of the internal cap art. 715 for art. 530 (necessarily necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pc4 s. 510 postem - 351 model 2 Datars (Do 50-150) - 90mm - internal diameter of a pipe) - 2 pc 5 Ufewing device for Sop system SS1 Datar - 1 pc4 s. 1 Weining device for Sop system SS1 Datar - 1 pc4 s. 1 Weining device for Sop system SS1 Datar - 1 pc5 s. 9 Stop had 05 x12 - 2 pc4 s. Weining device for Stop system SS1 2 bar - 1 pc5 s. 9 Stop system - 3 model SS3 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 9 Stop system SS1 12 bar - 1 pc5 s. 1 Hydraulic oil station DOA SUPER ASPID (Italy) is equipped with: counter hourset, high pressure hose with R9S, t. = 10007 refuelee (2 pc5 - 1 pc5 s. 12 Hydraulic actuator DOA AMS5 (Italy) - 1 pc s. 13. Weiling generator NeW MAGIC WEID M M MCSA (Italy), set: wedding cable M307019390 (10m * 8m, 35mm2); (5 m cable) - 1 pc5	For works (flow stop) on pipelines with a diameter of Du 50	from	1	
4425	081_UA03361419_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Komer & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pcs Stretch marks not less - 3 pcs Peg metal - KWarda TJohd mm, 350 mm long - 3 pcs Spare air filter - 1 pcs		from	5	

April Continue C												
Application Company	4426	081_UA03361419_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant	Continuous operation time 12 h Engin characteristics Engine model GENBRAC G. 84.38 m3. Start type electric start Fuel type stroke engine Number of cylinders G coolid Engine manufacturer Generac Nominal Dimensions 5123446531945 mm Warra Installation type stationary Fuel brand M. propane / Dutane kg IPG Weight 38 powe phase voltage [380 V) Features bour meter bour presence of the propane of the propagation of t	e and device s consumption as Engine type: 4- ig liquid cooling ower 240 kW fro ty 12 months in gas NG + gas 275 kW Three-	om	1	
	4427	081_UA03361419_0024	Equipment				Three-element folding ladder up to 6 m	Working height 6.05 m Number of steps 24 l kg Material aluminum Width 480 mm V	freight 14.4 kg	om	15	
\$400 \$10 \$10,000 \$10	4428	081_UA03361419_0025	Equipment				Set of keys combined (horn-cap) 6-32 mm	cap Size in mm 6,7,8,9,10,11,12,13,14,15,1 24,27,30,32	,17,18,19,21,22, fr	om	15	
March Part	4429	081_UA03361419_0026	Equipment				Set of hexagonal heads, 6-36 mm	19; 20; 21; 22; 23; 24; 27; 30; 32 mm; rate "mechanism; 1/2 "extenders: 75, 125, 250	net handle. 1/2	om	15	
Accordance Page P	4430	081_UA03361419_0027	Equipment				Rail jacks	load capacity 5 t	fr	om	2	
Accordance Company C	4431	081_UA03361419_0028	Equipment				Hydraulic jacks 5 t.	load capacity 5 t	fr	om	2	
1.00 1.00	4432							Productivity, I / min - 220 I / min Shape -	lorizontal Tank fr	om	1	
Add	4433	081 UA03361419 0030	Equipment					Centrifuge with two chains for pipes; Range	- 325 - 720 mm. fr	om	5	
Add	-			 		1	325 mm to 720 mm					
4435 081_JAX3981419_0032 Equipment 100 20 100 20 100 20 100 20 100 20 100 20 100 20 100 20 100 20 100 20 2	4434	081_UA03361419_0031	Equipment				Motorola radios (wokitoki type)	Frequency range - 446 MHz (PMR) Power - (g Dimensions 57 x 116 x 38 mm Options - r	5 W Weight - 262 s, charger, Li-Ion	om	20	
### Signature of the September The lights are explaned properly September	4435	081_UA03361419_0032	Equipment				Hose gas masks (hose length 10 m)	2pcs * Belt - 1pcs * Shoulder strap - 1pcs *	ignal rope 10m - fro	om	20	
Add	4436	081_UA03361419_0033	Equipment				The lights are explosion-proof	Ingress protection: IP66; * Housing - polym	r; * Zone of use - fr	om	30	
Description system of Legalith 100 and	4437	081_UA03361419_0034	Equipment				Life jackets	Material: polyamide, polyester, steel with a * Standard: DSTU EN 361-2017, DSTU EN 31 813: 2017, * Static breaking load - not let Dimensions (waist circumference) - 5 (604)	rotective coating; 8-2017; DSTU EN s than 15 kN; * m - 1000mm); M	om	20	
Demonstrative 169-185 -18 A mile pullboar 1 was no next 152 them to explore, the region of the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was no next 152 them to explore the pullboar 1 was not 1 was	4438	081 UA03361419 0035	Equipment				The rescue halvard			om	20	
Operating temperature -10 ° Ct or 40 ° C Operating time because the Depending on application and position of the Company of th	4439	081_UA03361419_0036	Equipment				VibraGas or similar gas detector	Dimensions: 149-165 x 58 x 34 mm (without swan neck 162 mm Weight: approx. 400 g Eg graphic display with 128 x 64 pixels + symbol primary alkaline / manganese cells in the but Duraciell Industrial I01550, rated voltag secondary NiMH cells in the battery holder, volts, rated power 2700 mAh Charging time before full charge Charging voltage: 11. 14 current: max. 500mA (flusor) Operating it (without backlight), warning message if reautomatic shut-off when voltage is too temperature: during operation: 20° Cto visual: digital concentration readings, (pom, / mbar) a zoustic: concentration-depende sensitive to vibration depending no concent operation: Semiconductor sensor (ISI) Mess	t"swan neck") + splay; backlit LCD splay; backlit L	om	10	
4441 081_A03361419_0038 Equipment Caroon allowide Irrom 50 dioxide Irrom 5	4440	081_UA03361419_0037	Equipment				GOLIATH gas analyzer or similar	Operating temperature - 10 ° Cto + 40 ° C Depending on application and lighting Charg powered by 12V DC or 230V AC, Time chargi USB port (specified at 500 mA), Charging int Data storage 4 MB flash memory for mor measurement values Protection type IPS4 10 0x 87 mm Weight approx. 1,250 g Expl ATEX BVS 09 ATEX E 079 X - Ex II 2 G Ex ib	Operating time ing The charger is ig approx. 3 hours e approx. 8 hours than 1 million dimensions 200 x sion protection 1 IIB T3 / T4 Gb	om	25	
Modulators Paylings Service Soli balancing - manual * Max. from 3	4441	081_UA03361419_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)		Type - Carbon fro	om	50	
	4442						Metal detector	* Discriminator - Yes * Soil balancing - r		om	3	

4443	081_UA03361419_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 Reatins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog graphic carle and sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pubations") Direct measurement numerical values of the depth of other of the "occurrence" of communications and the relative magnitude of the variable component of the Moning current and "potential". 1. Operating frequency (* work.), ht 1: 10, 150, 1020, 5000 2. for Sandwidth at the level of 0.7 form slave ± 9% a Attenuation of signals with a frequency of 50 ft at 1 work, dis: 100, 150 ht not less than 110 at 17 ft, dis. 1205, 5000 ft not roles than 135 d. Sensitivity to the input of the receiver relative to the signal / noise 668, ht on two worse than 0.2 6. Deviation of the determined value of the depth of communication (to the asis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 m. 10 m, at f. 1: 200 Hz, not more thank ± 2.7. Number of measurement values registered, 3 000 8. Current communication poperation time, hours, not less than 10	m	5	
4444	081_UA03361419_0041	Equipment	Laser ELU leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (touch screen) Response time For 0.2 sec. Messuring method Tunable diode-based lasers absorption spectrometer (TDLAS) Operating times 8 hours per charge (6 hours) Power supply Lthlum-inon battery Ream 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 4 mm Messurement range 0 -50,000 parts per million Sensitivity 10 parts per million at a distance of 9 T 0 m 20 parts per million at a distance of 9 T 0 m 20 parts per million at a distance of 10 -30 m Operating temperature -17 to 50°C Humidity from \$1.00 MS (MS MS M	m	3	
4445	081_UA03361419_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - teeramic; * Purpose - Industrial; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 200 Innove * Voltage, In - 200 In	m	3	
4446	081_UA03361419_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 disterter - 250 mm * Warranty - 24 months	m	1	
4447	081_UA03361419_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 the control of the control	m	6	
4448	064_UA03359500_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-40 150 hp 6-Mech 4x4 Business Engine Engine code: 260-FTV Type: turbocharged diesel engine L4 / 16-valve ODHC Fuel type: diesels flevi with caten enumber of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 952,0 x90,0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N: mat rpm): 3400/1 600 - 2000 Enricommental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ake and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0 - 100 km / h (s): 133 Fuel type: diesel fuel with cetaten enumber of 48 or higher	m	18	
4449	064_UA03359500_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EUG 4MOTION or similar	ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Cylinders: 4 Engine type: diesele rigine Super-frager: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Miled cycler: 17.1 000 km Fuel thank: 70 i Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Driver: Front Quantity gears: 58 BEAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	m :	22	
4450	064_UA03359500_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	m	11	

4451	064_UA03359500_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 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 [VI 230 Operating temperature range [* CI - 10 - 40] of treatlete humidity - 5759 (Output Downer [V] 2500 Required unit power [W] 3000 Housing density class [* 64 Max. operating current [A] - 63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t s adjustable) operating time range [s] 0-4999 [t s adjustable) and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] 93.99 (44 Mg).	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-C759) Storage temperature range [*C] -20 +50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [ssr] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 880x320x360 Pressure adjustment proportional valve Pressure adjustment range [last] o-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rgm] 20 Dimensions (Width) height [rm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 150 Memsions (height height [rm	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 160-280 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		Mechanical drive type: working area: diameter: 32-90 mm.	from	45	
4456	064_UA03359500_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	45	
4457	064_UA03359500_0010	Equipment	diameter of 90-250 mm Angle grinder of 1,5 kW		Maximum disk diameter 180 mm Power supply 220V Power	from	56	
4458	064_UA03359500_0011	Equipment	Angle grinder of 2,5 kW		1300 W or 1500 W. Power: 2200 W Disc diameter: 230 mm Maximum speed	from	34	
4459	064_UA03359500_0012	Equipment	2.2 kW perforators		(iding): 6600 pm 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 I Vibration 159 m 5; (drilling) 135 m / 3² (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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 Oli flow, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LvdWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart	from	4	
4465	064_UA03359500_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4	
4466	064_UA03359500_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LxWxH), mm 600-500-700 Weight, kg 21	from	4	

						+						
4467	064_UA03359500_0020	Equipment				Impact wrench IW12 (Stanley)		Weight, kg 8 Dimensions (LxW), mm 240x100 Flow, I / 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 DuSto to ULISOmn, with a maximum working pressure of 12 kg / cm² and the possibility of alyng 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 to 150-150) - 1 pcs 2 Drilling machine (art. 230) is used with Stop system SS1 / SS3 12 bar (required for work for diameters to 150-150) - 1 pcs 2 / SS3 12 bar (required for work for diameters 050-150) - 1 pcs 3 - 10 feder of the internal cap art. 173 for art.530 (necessary) necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pcs 4. Stop system - 33 model 12 bars 10 pcs 5. Stop system - 35 model 12 bars 1 pcs 5. Stop system - 35 model 552 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bar - 2 pcs 5. Stop system - 350 model 553 12 bar (Du 150 miner diameter of 150 ps) 2 pcs 5. Deposity of 150 pcs 1 pc		from	4		
4469	064_UA03359500_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare Impar - 1 pcs Street has not less - 3 pcs Peg metal - 4 Vadrat 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., E80 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 mixtures. 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 electric 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 poreation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (l) 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 S0 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics. Engine model GENRAC 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 51234.4663.1495 mm Warranty 12 months Installation type stationary Fuel brand Main gas N6 + gas propane / butane kg LPG Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 064_UA03359500_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	4		
4477	064_UA03359500_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	22		
4478	064_UA03359500_0031	Equipment				325 mm to 720 mm 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-lon 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 * SMP 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 388-2017; DSTU EN 361-2017; Static breaking load - not less than 15 kN; * Dimensions (wastic circumference) - 5 (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	90		

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 152 mm Weight: approx. 400 g Display: backlir LCD graphic display with 128 x 64 picels + ymbols Power supply: 4 primary sikaline / manganese cells in the battery holder type Duracell industrial DISDO, 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. Sooma (fuse) operating time: approx. 6 hours (without backlight), warning message if recharging required, automatic Suht-off when voltage is too low Ambient temperature: during operation: 20 °C to + 50 °C Display: visual: digital concentration readings, ppm, vol. +%, VELLE, PB / mbar) acoustic: concentration-dependent sound signal sensitive to vibration depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy; 0 - 1,000 ppm z 20% of the final value Reaction time: 150 x 10 sec.	45	
4484	064_UA03359500_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 USSp 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 IPS4 Dimensions 200 x 100 x 87 mm Weight approx. 2,250 ge Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 2G Ex ib d IIB T3 / T4 Gb	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 stechnical 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 volues for the system of "magnetic and electric antennas. Numerous volues for the system of "magnetic and relative volues of the magnitude of the current" pulsations? Direct measurement: numerical values of the depth of relative volues of the magnitude of the current and production of the variable component of the flowing current and "potential". 1. Operating frequency (if work,) in ± 100, 150, 1200, 3000 2. Bandwidth at the level of 0.7 from 15 size ± 5% 3. Attenuation of signals with a frequency of 50 Hz at 1 work, dis 100, 150 hz rot less than 110 at 1 rob, dis 1002, 000 Hz not less than 125 4. Sensitivity to the input of the receiver relative to the signal / noise 6dB, yill on worse than 2.5. a 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 1-120 Hz, not more than% ± 2.7. Number of measurement values registered, 3000 8. Current consumption (average,)ma 1209. Continuous operation time, hours, not less than 10	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 furable diode-based laser absorption spectrometer (TDLAS) Operating time 2.8 hours per charge 16 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 157 x 74 mm Measurement range 0° 50,000 parts per million Sensitivity 10 parts per million at a distance of 10 ° 10 m 20 parts per million at a distance of 10 ° 30 m Operating temperature -11 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS4 US6 connection, headphones, Deconnector Accessories Headphones, belt, bug, charger Accessories Setting device	11	
4489	064_UA03359500_0042	Equipment	Heat gun S 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	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	2	

					For work (flow stop) on pipelines of small diameter Du 20 mm				
4491	064_UA03359500_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHG rule type: diesel fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15.6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 400/16 000 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front sale and connecting a reduced gear Dynamic Indicators Maximum speed (km / h): 170 Acceleration 0-100 km / h (5): 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: 2.01 (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 Maked cycle: 7.1 l / 100 km Fuel traits. 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP ype. Mechanical Driver: Front Quantity gears: S BEASS 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 ZTS / 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 39, 4.7 mm Printer for thermal printing; Centronics-USB or RS232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range * [mml] up to 250 mm Barcode scanes "Supply voltage [V] 230 Operating temperature range [* C] -1.0 +40] (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class [P & Max. operating current [A] <65 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t a subjustable) Experiment of the properation of the properati	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 (lat relative humidity-75%) storage temperature range [*C] -10 -40 (lat relative humidity-75%) storage temperature range [*C] -20 +50 Supported 50% 9; 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km7400 Dimensions (mm) 300x520x505 Pressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km7400 Dimensions (mm) 680x320x360 Pressure adjustment proportional valve Pressure adjustment range lad 10 -90 System power [9] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Parameters (Machine type Km7400 Rev. [rm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km7400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 15 [heating plate parameters Parameters / Weight [kg] 15 [heating plate parameters Parameters / Machine type Km7400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [heating plate parameters / Machine type Km7400 Temperature (mm) 600x800x150 Weight [kg] 15 [h	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 Upration 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 lestrood, mm 1,65-Csee	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 150 mm Idle frequency 130 - 260 pm Number of strokes per minute 1075 - 2150 Impact energy 19,7 J Vibration 19,5 m / s (drilling) 13,5 m / s (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: $RVT\not D1 \setminus 2 \ {}^{u}L = 10m$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, d8 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, I / 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	5		
4510	065_UA03359552_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 RAVETII (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSto Iou DistSfmm, with a maximum working pressure of 12 kgf / cm2 and the possibility of laying a bypass line, complete with small mechanization.	Stop system SS 112 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 postant SC3 11 bar - 1 pcs 9. Stop system - 3 model SC3 11 bar - 1 pcs 1 pcs 9. Stop system SC3 11 bar - 1 pcs 1 p	For works (flow stop) on pipelines with a diameter of Du 50	from	5		
4513	065_UA03359552_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Kwafart JinkOl 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., £40 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 tip lime to 500 kms. Find the size of 100	from	26		
4514	065_UA03359552_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant		Current, Voitage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model GENEAC Gas consumption 84.8 at 3.5 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 5122416634198 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane/ butane ig LD KWeight 36 power 278 kW Three-phase voitage (380 V) Features hour meter emergency stop system Note level 66 d8	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	Ī	
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 - horr 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		
								24,27,30,32				

065_UA03359552_0026	Equipment		Set of hexagonal heads, 6-36 mm	19; 20; 21; 22; 23; 24; 27; 30; 32 mm; ratchet handle. 1/2 "mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint	from	77		
065_UA03359552_0027	Equipment		Rail jacks	load capacity 5 t	from	10		
065_UA03359552_0028	Equipment		Hydraulic jacks 5 t.	load capacity 5 t	from	10		
065_UA03359552_0029	Equipment		Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, / min - 2201 / min Shape - Horizontal Tank volume, 1-501 Compressor type - Priston Convey wheels	from	5		
065 UA03359552 0030	Equipment		Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	26		
	Equipment		3.25 mm to 7.20 mm 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-lon batter y 120 m / h , clio belt	from	103		
065_UA03359552_0032	Equipment		Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrugated tube- 2pcs * Belt - 1pcs * Shoulder strap - 1pc * Signal rope 10m - 1pc * Dut filter - 1pc * 5 Mp mask - 2pc * 10m - 1pc *	from	103		
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 2006; 2.** Battery type - unlike hoattery; ** Type - manual.	from	154		
065_UA03359552_0034	Equipment		Life jackets	* Safety belt combined with shoulder and leg straps; * Material: polyamide, polyester, steel with a protective coating; * Standard: SDF UR 1943-1207, SDF UR 1943-2077, SDFU L N 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (walst circumference) - 5 (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	103		
065 UA03359552 0035	Equipment		The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	103		
065_UA03359552_0036	Equipment		VibraGas or similar gas detector	Dimensions: 149-165 x 58 x 34 mm (without "swan neck")+ Swan neck 126 mm Weight: approx. 400 g Display: backlit LCD graphic (display with 128 x 64 gbets + symbols Power supply, 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial (10150), rated voltage: 6x 90 stols or 4 secondary NIMH cells in the battery holder, rated voltage: 48. volts, rated power: 2700 mAh Charging time: approx. 6 hours before full charge Charging voltage: 11. 14 volts DC Charging current max. 500Mh (Itse) Operating times -215 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is too low Ambient temperature: during operation: -20° Ct 0 r 50° C Display - visual: digital concentration readings, (ppm. vol. 3x, NELE, NPa / mbar) acoustic: concentration-dependent sound signal - sensitive to vivation depending on concentration Principle of operation: Semiconductor sensor (SC) Measurement accuracy; 0 - 1,000 ppm ± 20% of the final value 1,000 - 1000 ppm ± 20% of the final value Reaction time: 190 ≤ 10 sec.	from	51		
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 lighthing 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 IPS4 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	128		
065_UA03359552_0038	Equipment		Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dioxide	from	257		
065_UA03359552_0039	Equipment		Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	from	13		
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 Reatins 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 sypatine of "magnetic" antennas. Reasurement (estimation of the depth and relative values of the synapsitude of the current "pubstations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude of the current "pubstations") 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 "postenial". 1. Operating frequency (if work), H. th. 10, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from f slave 5 % 3. Attenuation of signals with a frequency of 50 ht act flows, 63 to 10, 150 ht not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 110 at frob, d8: 1020, 5000 Hz not less than 120 at least than 120 At from the first fro	from	26		
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4532	065_UA03359552_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 s.8 hours per charge (6 hours) Power supply Ltithium-on battery Ream 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 at a distance of 10° 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class US-4 US-4 Size Companies of the Size Size Companies of the Size Size Size Size Size Size Size Siz	from	13	
4533	065_UA03359552_0042	Equipment	Heat gun S kW		* Sentice area, kV. m - 50°, * Power, W - 5000; * Installation - Floor; * Type of coalant - electric; * Type of heating element-ceramic; * Purpose - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 58 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 I mo	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: 26D-FIV Type: turbocharged diesel engine 14, 16-valve DOHC Fuel type: diese flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9,20, x 900. Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N·m at rpm): 3400 (bot 00-2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front xale and connecting a reduced gear Dynamic indicators Maximum speed (km / hj: 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 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm a 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 Musec cylee: 7.1 I (1)00 km Fuel tank: 6 of 10 Euclibesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Near: WHEEL discs Discs: Steel Disc size: 16 *	from	13	
4538	066_UA03355353_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	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 2T35 / 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 39, 4.7 mm 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-1-0 +40] (at relative humidity <75%) Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 54 Max. operating current [A -63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [5] 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] (93.9, 96.1 **)	from	ж	
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	supply parameters Parameters / Machine type KmT400	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 Mominal welding current, A 200 Maximum operating current, A 200 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welling current, A 25 ± 200 Diameter of an artificial electrode, mm 1,6-5 Case	from	13	

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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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, I 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 Oli flow, I / 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, I / 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 RAVETII (Italy) for overlapping gas pipelines through pressure littings, pipeline diameter from DUSI to DLISDmm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bypass line, complete with small mechanization.	Summ - internal planeter of a pipe) - 2 pcs 5 viewing device tor Stop system 551 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 postant SC311 bar 1 are 0. Stop viewing - 2 model SC3 11 bar 1	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	

6_UA03355353_0022 6_UA03355353_0023 6_UA03355353_0024 6_UA03355353_0025	Equipment Equipment Equipment	Electrical Civil protection equipment Backup power plan	Mobile lighting installation GENERAC SG 275 gas power plant Three-element folding ladder up to 6 m	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - N/adar 10x0 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs	Power supply - 220V, frequency 50Hz. from the petrol generator with power-1 the maximum, working 3.0 f.2.5 kW. Light source - high-pressure discharge lamp DNAT with a capacity of 500W, £00 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 6 Sec. Time 600 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder- up to 50 sec. Time 600 Lml capacity of the cylinder is shade of white desiration is protection. 19 654 K. 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 fairly cylinder is made of special air- vaterproof, durable inseparable material, the height of the cylinder is a cylindrical plastic housing, which is made of dielectric material. The fairly cylinder is made of special air- vaterproof, durable inseparable material, the height of the cylinder is Section of the installation in the folded state with the generator - 600x450x600 (ln) mm. Total weight with generator - 10 to 5 kg. Current / voltage frequency 50 Hz Power factor 0.8 Continuous operation time 12 h Engine and device characteristics Engine model eSENREA Csa so consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4-troke engine Number of cylinders 5 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW. Dimensions 512x1446331495 mm. Warranty 12 months	from	13		
6_UA03355353_0024		Electrical Civil protection equipment Backup power plan			Continuous operation time 12 h Engine and device characteristic 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	from			
	Equipment		Three-element folding ladder up to 6 m		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	lioni	3		
6_UA03355353_0025					Working height 6.05 m Number of steps 24 Maximum load 150 kg Material aluminum Width 480 mm Weight 14.4 kg	from	38		
	Equipment		Set of keys combined (horn-cap) 6-32 mm		Set of keys 20 units Set of keys - keys combined Key type - horr 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		
6_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		
6_UA03355353_0027	Equipment		Rail jacks		load capacity 5 t	from	5		
6_UA03355353_0028	Equipment		Hydraulic jacks 5 t.		load capacity 5 t	from	5		
6_UA03355353_0029	Equipment		Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	3		
6_UA03355353_0030	Equipment		Centralizers for steel pipes with a diameter from	m	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	13		
6_UA03355353_0031	Equipment		325 mm to 720 mm 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-lon battery 2100 mA / h, clip belt	from	50		
6_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 * SMP mask - 2 pcs	from	50		
6_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		
6_UA03355353_0034	Equipment		Life jackets		* Safety belt combined with shoulder and leg straps; * Materials polyamide, polyester, steel with a protective coating; Standard: DSIV B 363-2017; DSIV B NS 82-017; DSIV B NS 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) 5 (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	50		
6_UA03355353_0035	Equipment		The rescue halyard			from	50		
			VibraGas or similar gas detector		Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 15c mm Weight approx. 400 g Display backlir (LDF) graphic display with 128 x 64 pixels + ymboths Power suppl. 4 primary alkaline / manganese cells in the battery holder type Duracell Industria I DISDO, rated voltage: 6 volts or secondary NiMH cells in the battery holder, rated voltage: 6.4 souts, rated power 2700 mM charging time: approx. 6 to south started power 2700 mM charging time: approx. 6 to south of the south of the south of the south of the current: mass. 200ml (fuse) Operating time: 5 hours (without backlight), warning message if recharging required, automatic shart-off when voltage is too low Ambient temperature: during operation: 20° C to + 50° C Display. wisual: digital concentration readings, [pm, vol5%, kELL, Pba / mbarj acoustic concentration-dependent sound-strain of operation: Semiconductor sensor (SC) Messurement accuracy - 1,000 pm z 90% of the final value 1,000 - 1,000 ppm z 90.	from	25		
			JA03355353_0035	JA0335535_0035 Equipment The rescue halyard	JA03355353_0035 Equipment The rescue halyard	Life jackets 813: 2017, **State Investing God - not lest Stan 15 My.* Binensions (waist circumference) - 5 (460mm - 1000mm); M (850mm - 1900mm); (1100mm - 1500mm); (1100mm - 1500mm)	JA03355353_0036 Equipment Life jackets 813: 2017;* Static breaking load - not less than 15 kN;* "Bimesions (wait crumefrees)—of clears in 15 kN;* Bimesions (wait crumefrees)—of clears in 15 kN;* (850mm - 1300mm); Li (100mm); Pipe - Fall or of the protection system * Length, m - 12 Dimesions: 149-155 x 58 x 34 mm (without "swan next.") * swan next. 15 km; *	Life jackets Billiand and the less than 15 Ni, * Dimensions (weits Curreference) - 5 (6 Mm - 130 mm); Life Judomm + 150 mm) M (850 mm - 1300 mm); Life Judomm - 150 mm); Life Judomm -	Life jackets 813: 2017, **Static breaking load - not less than 15 kN; ** Dimensions (vest tict crum/enerce) - 5 (dom: 105 mm); (100 mm)

4572	066_UA03355353_0037	Equipment	GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight Operating temperature -3.0 ° C to + Depending on application and light powered by 12.0 ° C or 230 ° AC, Time USB port (specified at 500 ° Ma), Charg Data storage 4 MB flash memory for measurement values Protection type 100 x 87 mm Weight approx. 1,250 ATK MS 09 ATEX EOV9 X - K tal 12.0 ATK MS 09 ATEX EOV9 X - K tal 12.0	10 ° C Operating time Charging The charger is charging approx. 3 hours ng time approx. 8 hours r more than 1 million IP54 Dimensions 200 x g Explosion protection	63	
4573	066_UA03355353_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg dioxide	- 3.5 * Type - Carbon from	125	
4574	066_UA03355353_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balan detection depth, m - more than 1.5 '		6	
4575	066_UA03355353_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit con electropotential antennas into a sing protected. Interference immunity 8 poperational characteristics when oper voltage transmission lines. Indication. sound signal separately for magnetic Numerous values for the system of Measurement elestimation of the depth emignitude of the current, "measurement: numerical values "occurrence" of communications and the variable component of the flowing 1. Operating frequency (1 work.), 1½. Bandwidth at the level of 0.7 from 1 s of signals with a frequency of 50 Hz at not less than 110 at 17 rob, 81: 1020, 5 d. Sensitivity to the input of the receive noise 668, I/v not worse than 2.5. Sen mA /m not worse than 0.2.6. Deaks value of the depth of communication at a current in the place of determine mA, for a depth of 0.1. In 10m, 12m, 12m, 12m, 12m, 12m, 12m, 12m, 12	e structure. Dust spray tatains its technical and titing in the area of high-inalog graphic scale and and electric antennas. "magnetic" antennas. the and relative values of ulatations") Direct of the depth of the he relative magnitude of current and "potential". 100, 150, 1020, 5000 2. we ± 5% 3. Attenuation f work, dis 100, 150 Hz OU Hz not less than 185 er relative to the signal / institutivity to magnetic field, sion of the determined to the axis of the route, 300 Hz, not more than% es registered, 3 000 & a 120 9. Continuous	13	
4576	066_UA03355353_0041	Equipment	Laser ELLI leak indicator	Technical data Gas Methane (CH4) LC LCD display (touch screen) Respond Measuring method Tunable dispond spectrometer (TDLAS) Operating time hours) Power supply Lithium-ion battut at at distance of 30 m·30 m deper reflection Weight 1.6 kg Dimensions Measurement range 0° 50,000 parts parts per million at a distance of 0° 1 at a distance of 10° 30 m Operating Humidity from 5 to 90% RH without f IPS4 USB connection, headphones, D Headphones, belt, bag, charger Acc	sse time for 0.2 sec. assed laser absorption 5.8 hours per charge (6 ry Beam size 25 ~ 30 cm ding on the object of ss 237 × 167 × 74 mm from 20 parts per million Sensitivity 10 m 20 parts per million emperature -17 to 50°C ceraing Protection class connector Accessories	6	
4577	066_UA03355353_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, v Floor; * Type of coolant - electric; * T ceramic; * Purpose - Industrial's Man Type of heating - Fan; * Number of Warrany - 36 months of floating manufacturer * Protection function overheating * Features - The handle f In - 220 I nowe * Voltag	ype of heating element - agement - mechanical; * heating modes - 2; * warranty from the s - Protection against or movement * Voltage,	6	
4578	066_UA03355353_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W - 2300 * Number of speed 220 - 240 * Features - Adjustable spe diameter - 250 mm * Warra	ed * Maximum drilling from	1	
4579	066_UA03355353_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)	For work (flow stop) on pipelines of st to Du 50 mm (3/4 - 2 inches) and wo bar		15	
4580	067_UA05395598_0001	Equipment	Toyota Hilux 4 * 4 pickup or similar	2.4 D-40 150 hp 6-Mech 4x4 Busine 260-FTV Type: turbocharged disester er Fuel type: diseste fuel with calester fuel en en Displacement (cm3: 2393 Cylinder of (mm): 92.0 x 90,0 Compression ratio: (kW (hp) at rpm): 110 (159) / 3 400 M rpm): 400/1 560 - 2 000 Environment Transmission Type: 6-speed manual of with the possibility of disengagin connecting a reduced gear Cynami speed (km /h): 170 Acceleration -0 -1 type: diesel fuel with cetane num	gine L4 / 16-valve DOHC unber of 48 or higher lameter x piston stroke 15,6: 1 Maximum power stimum torque (N · m at ntal standard: EURO 6 to the front axle and indicators Maximum 00 km / h (8): 13.3 Fuel	17	

4581	067_UA05395598_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Maked cylec: 7.1 (1)00 km Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: SBEASK Fronts. Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 **	from	21	
4582	067_UA05395598_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	
4583	067_UA05395598_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	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	Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voltage [V] 230 Operating temperature range [FC] -10 -40 [47 retaive humidity <75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P 54 Max. operating current [A] <63 Operating voltage range [V] 6-48 (D.5 V adjustable) Operating time range [s] 0-4999 [t 3 adjustable) operating prime range [s] 0-4999 [t 3 adjustable) parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 Interchangeable lugs [mm] (9.3, 96.4 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 (lat relative humdity <57%) Storage temperature range [*C] -10-40 (lat relative humdity <57%) 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 Km1400 Dimensions [mm] 300x520x550 Fressure control proportional valve Pressure control range [bar] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] S1 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height] [mm] 600x80x150 Weight [kg] 140 Pight height]	from	4	
4585	067_UA05395598_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 Puration of loading (TIM) 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	
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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 ³ (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWXH), 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 COV10 dust		Volume of a tank for water, I 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, I / 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, I / 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 DuSto to USIGnm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bipass 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) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters Du 50-150) - 15 / SS3 12 bar (required for work for diameters O Du 50-150) - 10 / SS3 1 / SS3 12 bar (required for work for diameters of Du 50-150) - 10 / SS3 1 / S	For works (flow stop) on pipelines with a diameter of Du 50	from	4	
4601	067_UA05395598_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc: Stretch marks not less - 3 pcs Peg metal - Nodraft LOOI Jmm, 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 dicharge lamp DNAT with a capacity of 600W., £40 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 50 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 - 6000450x6000 (h) mm. Total weight with generator - 10 to 55 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 2.1 heligine and device characteristics. Engine model SFMEMC Gas consumption 84.38 m3. Start type electrix start fuel type gas Engine type: 4- stroke engine humber of cylinders 6 Cooling ilquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123416331498 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane & Igh DW Wight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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 4607	067_UA05395598_0027 067_UA05395598_0028	Equipment				Rail jacks Hydraulic jacks 5 t.		load capacity 5 t	from from	8	
4608	067_UA05395598_0029	Equipment Equipment				Compressor up to 10 At		Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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 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-lon battery 2100 mA / h , clip belt	from	83	

4611	067_UA05395598_0032	Equipment	н	lose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrupated tube - 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 10m - from 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs	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; * Sattery type: - built in battery; * Type - manual.	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: DSTUE 98.16-20.17, CSTUE 198.8-20.17, CSTUE 198.8-20.1	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 * ymbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell industrial 101500, rated voltage: 6 volts or 4 secondary NiMik rells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mm. Ah Charging time approx. 6 hours before full charge Charging voltage: 11 14 volts DC Charging current max. 500m.4 (fixel) Operating time»: 51 hours (without backlight), warning message if recharging required, automatic shut-off thew roltage is too low Ambient temperature: during operation: 20° C to * 50° C Display: - visual: digital concentration readings, (pomy. 0 4%, ELE, hba / 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 = 2 20% of the final value Reaction time: \$90 \times 10 \times con-	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 USS port (specified at 500 mA), Charging time approx. 8 hours Data storage 4 MH Birds memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x 100 x87 mm Weight approx. 1,250 & Explosin protection ATEX BVS 09 ATEX E 079 X - EX II 2G Ex ib d IIB T3 / T4 Gb	104	
4617	067_UA05395598_0038	Equipment	Carbon	n 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. Numerous values for the system of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pudsations") Direct measurement. Inmedical 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 (if work), It is 100, 150, 1020, 5000 2. Bandwidth at the level of 27 from 1 sizue = 584. Attenuation of signals with a frequency of 50 It at 1 work, dis 100, 150 It to not less than 110 at 1 fool, 81: 100, 160, 160, 160, 160, 160. It not less than 185. A sensitivity to the input of the receiver relative to the signal / noise 686, Ju 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 m/s, for a depth of 0.1. a. 10 m/s, at 1-102 IV, not more than% ± 2.7. Number of measurement values registered, 3000 8. Current consumption (average), ma 1209. Continuous operation time, hours, not less than 10	21	
4620	067_UA05395598_0041	Equipment		Laser ELU 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 4.8 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 feativity 10 parts per million at a distance of 10 - 30 m Operating temperature -17 to 50°C Humidity from 15 to 90% RH without freezing Protection class 1PS USS connection, headphones, Dc Connector Accessories Headphones, belt, bag, charger Accessories Setting device	10	

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- Industria!, * Management - mechanica!, * Type of heating - Fan; * Mumber of heating modes - 2; * Warranty - 36 months of flicil warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I 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: 26D-FIV Type: turbocharged diesel engine 1.4 / 16-valve DOHC Fuel type: Glees fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6c: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 3-00 (100 00 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ask draw and connecting a reduced gear Dynamic indicators Maximum speed (km / hj: 170 Acceleration 0 - 100 km / h (s): 3.35 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 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. Oylinders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 to 100 km / h Mixed cycle: 7.1 I / 300 km fuel tark: 70 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: Se BEAS 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 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm printer for thermal printing; Centronics-USB or R5232-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 -1.0 + 40, for tealitve humidity -75%) Output power (V) 2500 Required unit power (W) 3000 Housing density class (°F 45 Max. operating current (A) -630 Operating voltage range (V) 6-48 (D.5 V adjustable) Operating time range (s) 0-4999 (s. 40) displays (s. 40) operating voltage range (V) 6-690 (s. 40) operating voltage range (V) operating voltage range (V) operating voltage	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 sides, 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 humlidity-C750) Storage temperature range [*C] -20 +50 Supported 50R 9, 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters Af Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional vehe Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters*, Machine type Km1400 Dimensions [mm] 680x20x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -0 0 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters Lathe parameters Parameters Machine type km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 600x80x150 Weight [kg] 51 Heasting plate parameters Parameters Parameters Parameters (Machine type Km1400).	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)	from	10	
4631	068_UA03361402_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm		Electrode diameter: 2.0 - 8.0 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 (idling): 6600 rpm	from	30	

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 pm Number of strokes per minute 1075 - 2150 Impact energy 19.7 J Vibration 19.5 m / s (drilling) 13.5 m / s' (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions (LxWxH), mm 750x510x600 Weight, kg 75	from	4	
4637	068_UA03361402_0014	Equipment	Heavy jackhammer, 8RV20 Stanley, included		Handle type T-shaped, anti-vibration Oil flow, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4	
4642	068_UA03361402_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / min. 20-40 Working pressure, bar 140 Dimensions (LWXH), 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, I / 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 (Itahy) for overlapping gas pipelines through pressure fittings, pipeline diameters from DuSO to Dut JoSnm, 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 2 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps3 - 1.0 bide of the internal cap art. 715 for art. 530 (necessarily necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 52 Sz 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop system - 351 works SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop had 03 12 1/2 - 2 pc4 . Stop with common size of the stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 - 1 p	For works (flow stop) on pipelines with a diameter of Du 50	from	4	
4645	068_UA03361402_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pc Spare lamp - 1 pcs Stretch marks not less - 3 pcs Byentel - Rodract LOAD iom, 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, £40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing -600 W. Inflatiscentiem of the upin-der - up to 05 sec., Time editallic inflations time of the upin-der - up to 05 sec., Time editallic (with extensions) - up to 20 m / sec. Climatic design - class U. Ingress protection: IP 6.544. Class of protection of insulation from electric shock - III. The power unit is located in a cylindrical plastic housing, which is made of electric material. The fabric cylinder is made of special air-waterproof, durable insepandem entersity. He was not shown to the control of the control of the installation - 12 months. Umersning years of operation in the folided state which generator - 600x450x600 (h) mm. Total weight with generator - 00x450x600 (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 Continuous operation time 12 h Engine and device characteristics Engine mode (ENREALCGs consumption 84.38 m3. Start type electric start Fuel type gas Engine type: stroke engine Number of cyfinder 56 Cooling liquid cooling Engine manufacturer Generac Nominial power 240 kW Dimensions 51232.1463.1945 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg LP 08 weight 138 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Nosie level 66 d8	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 15 kg Material aluminum Width 480 mm Weight 14.4 kg	o 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 - ho cap Size in mm 6,7,8,9,10,11,21,31,41,516,17,18,19,21,22, 22,22,23,23,24,23,24,24,24,24,24,24,24,24,24,24,24,24,24,	from	60	
4649	068_UA03361402_0026	Equipment				Set of hexagonal heads, 6-36 mm	Hexagonal end hexads 1/2 * 6; 8, 10; 11; 12; 13; 14; 15; 16; 1 19; 20; 12; 22; 32; 42; 79; 30; 30; am; ratchet handle: 1/2 "mechanism; 1/2 "extenders: 75, 125, 520 mm; cardan joint 1/2"; platis: 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 - 1.0 ba Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 30 I 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.	from	20	
4654	068_UA03361402_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 - 26 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lou battery 2100 m/s / h , dip belt	2 from	80	
4655	068_UA03361402_0032	Equipment				Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrugated tube 2pcs * Bett- 1pcs * Shoulder strap - 1pcs * Signal rope 10m 1pcs * 0 but 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 / 20 V," Ingress protection: P66; "Housing - polymer; "Zone of use 200K2; " fastery type - build-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 coatin * Standard: OFSU EN 361-2017, OSTU EN 383-2017, OSTU EN 383-2017, OSTU EN 381-2017, OSTU EN 381-2017, OSTU EN 381-2017, * Static breaking load - not less than 15 k0; * Dimensions (waist circumference) - S (640mm - 1000mm); k (850mm - 1300mm); L (1100mm - 1300mm);	from	80	
4658	068 UA03361402 0035	Equipment				The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	80	
4659	068_UA03361402_0036	Equipment				VibraGas or similar gas detector	protection system *Length, m - 12 Dimensions: 149-165 x 58 x 34 mm (without "swan neck") + Swan neck 162 mm Weight approx. 400 g Display: backit LC graphic display with 128 x 64 pixels *s ymbols Powers supply: primary alkaline / manganess cells in the battery holder xpo Duracell industrial ID1500, rated voltage: 5 volts or 4 secondary NiMH cells in the battery holder, rated voltage: 4 volts, rated power: 2700 mMc Charging time: approx. 6 how before full charge Charging voltage: 11 14 volts DC Chargin current max. 500mA (fuse) Operating time: 31 hours (without backlight), warning message if recharging required, automatic shut-off when voltage is to low Ambient temperature: during operation: 20° C to + 50° C Display: visual: digital concentration adengins, fopm, vol. 4%, lEL, hif / mbar) acoustic: concentration-dependent sound signal-sensitive to vibration depending no concentration Principle operation: Semiconductor sensor (SC) Measurement accurace 0 - 1,000 ppm = 20% of the final value 1,000 - 1,000 ppm = 1,000 of the final value 1,000 - 1,000 ppm = 1,000 of the final value 1,00	4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	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 4.0° C Operating time Depending on application and lighting Charging The charger powered by 12V DC or 230V AC, Time Charging approx. 3 hou USB port (specified at 500 mA), Charging time approx. 8 hou Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 100 x 87 mW Veight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 26 Ex Ib d IIB T3 / T4 Gb	rs s from	100	
4661	068_UA03361402_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon	from	200	
4662	068_UA03361402_0039	Equipment				Metal detector	* Discriminator - Vet * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	from	10	

4663	068_UA03361402_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 lieus. Indication Analog grapids casel and sound signal separately for magnetic and electric antennas. Numerous values for the system of imagnetic and electric antennas. Numerous values for the system of imagnetic and electric antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pudsations") Direct measurement. numerical values of the depth and relative values of the magnitude of the current "pudsations") Direct measurement. numerical values of the depth rude of the variable component of the flowing current and "potential". 1. Operating frequency (1 work.), Hz 100, 150, 1020, 5000 2. Sandwidth at the level of 0.7 from Save 5.9% 3. Attenuation of signals with a frequency of 50 Hz at twork, db. 100, 150 Hz not less than 110 at 1 rob, db. 100, 5000 Hz not the signal / noise 68b, yro tho vorse 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 mM, for a depth of 0.1	1 20	
4664	068_UA03361402_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 diosed-based laser absorption spectrometer (TDLAS) Operating times 2.8 hours per charge (6 hours) Power supply Ltithium-ino battery Beam size 257-30 cm at a distance of 30 m-30 m depending on the object of reflection (weight 1.6 kg bitmesions 237 x 167 x 4m m 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 m 30 m Operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Potention class IPS4 USB connection, headphones, DC connector Accessories Headphones, Bebt, Bgb, chager Accessories Setting device	1 10	
4665	068_UA03361402_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of heating element - ceramic; * Purpose - Industria; * 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 long* * Voltage, in - 220.	10	
4666	068_UA03361402_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 of the control of the con	2	
4667	068_UA03361402_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	1 24	
4668	069_UA03336166_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 1.4 / 16-valve DOHC Felul Type: diesels fluid with celane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92.0 x 900 Compression ratio: 15,6: 1 Maximum power (8W (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · mat rpm)): 400/1,60: 2 000 Enricomental standard: EURO 6 Transnission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ade 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 ceane number of 48 or higher	ı 9	
4669	069_UA03336166_0002	Equipment	Volkswagen T6.1 Box PRO LIH1 EUG 4MOTION or similar	ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm forque: 250 km at 3000 rpm. Cylinders: 4 Engine type: diesle eligine Supercharger Untiline PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 to 10.0 km / h Niced cycle: 7.1 / 1/20 loff weit at land; 70 if rule: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BRASA Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	12	
4670	069_UA03336166_0003	Equipment	Autonomous welding unit DGW 310 MS / RS - 1- post	Rated welding current 260/280 A, D C Rated welding woltage 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	6	

4671	069_UA03336166_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or 85232-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 [* [* -] -0.4 04 [6] tetalethe humidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [* 6.48 0.5 V adjustable) Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4990 [s adjustable) Experiment of the state of t	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 sides, 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-C759) Storage temperature range [*C] -20 +50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [ssr] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 880x320x360 Pressure adjustment proportional valve Pressure adjustment range [last] o-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rgm] 20 Dimensions (Width) height [rm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 150 Memsions (height height [rm	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 160-280 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)	from	6	
4675	069_UA03336166_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	23	
4676	069_UA03336166_0009	Equipment	diameter of 32-90 mm 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 (idling): 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 (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LvdWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart	from	2	
4685	069_UA03336166_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	2	
4686	069_UA03336166_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / 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, I / 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 DuSto Iou Stoffm, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bipass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 2 bar (required for work for diameters to \$0.5150) - 15 / SS3 2 bar (required for work for diameters to \$0.5150) - 15 / SS3 2 bar (required for work for diameters \$0.5150) - 15 / SS3 2 bar (required for work for diameters \$0.505.50) - 15 / SS3 2 bar (required for work for diameters \$0.505.50) - 15 / SS3 2 bar (required for work for diameters of \$0.505.50) - 15 / SS3 2 bar (required for work for diameters of \$0.505.50) - 15 / SS3 3 1 / SS3 3 1 / SS3 3		from	2	
4689	069_UA03336166_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 5005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 2 pc Stretch marks not less - 3 pcs Peg metal - Nodra Chold 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 km. Light source - high-pressure discharge lamp DNAT with a capacity of 500W, £40 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 V communes of the commune of the cylinder in Sec. 11. 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 operation of storage - 6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 60x055x0600 (h) mm. Total weight with generator - 10x5 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 8-3.8 m 3. Start type electric start Fuel type gas Engine type: 4 Stroke engine Number of cylinders Sc Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123446634954 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg I/O Weight 35 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 - horr 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 4696	069_UA03336166_0028 069_UA03336166_0029	Equipment Equipment		Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I 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	1	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	12	
4698	069_UA03336166_0031	Equipment		325 mm to 720 mm Motorola radios (wokitoki type)		Range not less than 10 km Number of channels - 128 Frequency range - 446 MHz (PMB) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lon 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 * SMP 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 382-2017; * STU EN 383: 2017; * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) - 5 (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm)	from	47	

4702	069_UA03336166_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall protection system * Length, m - 12	rom	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 46 pieces symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell Industrial DISSO, area dvoltage; 6 volts or 4 secondary NIMH cells in the battery holder, rated voltage: 4 s volts, rated power 2700 mAh Changing time: approx. 6 hours before full charge Charging outage: 11 14 volts DC Charging ground the symbol of the processing outage 11 14 volts DC Charging	rom	23	
4704	069_UA03336166_0037	Equipment	GOLIATH gas analyzer or similar	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 II BT 3 / T4 Gb	rom	59	
4705	069_UA03336166_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	dioxide	rom	117	
4706	069_UA03336166_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	rom	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 this pattern of "magnetic" antennas. Numerous values for this pattern of "magnetic" antennas. Measurement (estimation of the depth and relative values of the magnitude of the current "pudsations") 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 15 save 53% 3. Attenuation of signals with a frequency of 50 ft at f work, dis- 100, 150 Hz not less than 110 at 1 ft no), dis- 100, 500 Nt run tiles sthan 120 in 150 Hz. The second of the control of the second of the control of the second of the control 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 C numerication (to the axis of the route), at a current in the place of determination not less than 200 mA, for a depth of 0.1 200, nt. 1-100 Nt., not more than% ± 2.7. Number of measurement values registered, 3 000 &. Current consumption (average, na 120 S. Continuous operation time, hours, not less than 10	rom	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 5.8 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 f Measurement range 0 - 50,000 parts per million sensitivity 10 parts per million are million are strong or 30 m - 30 m operating temperature - 17 to 50°C Humidity from 5 to 90°K BH without freezing Protection class IPSA USS connector. Accossries Headphones, belt, bag, charger Accessories Setting device	rom	6	
4709	069_UA03336166_0042	Equipment	Heat gun 5 kW	warany - 3e montns of onicial warany from the manufacturer "Protection functions - Protection against overheating " Features - The handle for movement " Voltage, In - 220 I move " Vol	irom	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 * Factures - Adjustable speed * Maximum drilling diameter - 250 mm * Warranty - 24 months	rom	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: 26D-FIV Type: turbocharged diesel engine 14 / 16-valve DOHG Tuel type: dieses flue with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6: 11 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· · m at rpm): 4: 400 f. 600 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disenginging the front as de 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 cene number of 48 or higher	from	14		
4713	070_UA03358104_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.01 (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 Maked cylee: 7.1 l / 100 km Fuel tank: 701 Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Yipe: Mechanical Drive: Front Quantity gears: S BEASS 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 ZTS / 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 39, 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 scaner Supply oblage [V] 230 Operating temperature range [**] -10 -40 [4] at relative humidity <75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [P & Max. operating current [A] <36 Operating voltage range [V] 6-48 [0.5 V adjustable] Operating time range [s] 0-4999 [1 a adjustable] Operating prime range [s] 0-4999 [1 a adjustable] operating prime range [s] 0-4999 [1 a djustable] operating prime r	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 (lat relative humdity - 57%) Storage temperature range [* C] - 10-40 (lat relative humdity - 57%) Storage temperature range [* C] - 20-50 Supported SDR 9; 11; 13.6; 17; 17.6; 21; 6; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] - 90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters Parameters (Machine type Km1400 Rev. [rm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [* C] 180-240 Dimensions (height height [mm] 600x80x150 Weight [kg] 16 [height height] [mm] 600x80x150 Weight [kg] 16 [height height] [mm] 600x80x150 Weight [kg] [kg] 16 [height] [kg] 16 [height] [kg] 16 [height] [kg] 16 [height] 10 [heig	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 200 Maximum operating current, D 200 Maximum operating current, A 240 Maximum operating current, A 25-200 Limits of regulation of welding current, A 25-200 Diamster of an artificial electrode, mn 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 (sted / 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 Vlbration 19.5 m / s (drilling) 13.7 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: $RVT\not D1 \setminus 2 \text{ "} L = 10m$		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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		

4726	070_UA03358104_0015	Equipment				Light jackhammer, CHV08 Stanley, included		Handle type D-shaped Oil flow, I / 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	4	
4730	070_UA03358104_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSt to DuStform, with a maximum working pressure of 12 kgf / cm2 and the possibility of siying a bipass line, complete with small mechanization.	Softim - Internal diameter of a piper - 2 pcs 5 viewing device in Stop system s 551 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 certain SC311 bar 1 are - 9. Stop system - 3 model SC3 11 bar 1 pcs 1 pcs - 1 pcs 1 pcs - 1 pcs	For works (flow stop) on pipelines with a diameter of Du 50	from	4	
4733	070_UA03358104_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Warfar Livol Imm, 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 600VW, £40 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 lamp - up to flux expective. The fan has a power of 1200 W in fandscine me of the lamp - up to flux expect. Find the fands of the control of t	from	18	
4734	070_UA03358104_0023	Equipment	Electrical	Civil protection equipment	Backup power plants	GENERAC SG 275 gas power plant		Current, Youtage frequency 50 Hz Power factor 0.8 Continuous operation time 2.1 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 5122416634198 m1 Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane/ butane kg LDG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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	
								24,27,30,32			

070_UA03358104_0026	Equipment		Set of hexagonal heads, 6-36 mm	"mechanism; 1/2 "extenders: 75, 125, 250 mm; cardan joint	from	54		
070_UA03358104_0027	Equipment		Rail jacks	load capacity 5 t	from	7		
070_UA03358104_0028	Equipment		Hydraulic jacks 5 t.	load capacity 5 t	from	7		
070_UA03358104_0029	Equipment		Compressor up to 10 At	Power type - Mains Power, W - 1500 W Pressure, bar - 10 b Productivity, I / min - 220 I / min Shape - Horitontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	4		
070_UA03358104_0030	Equipment		Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm	from	18		
	Equipment		3.25 mm to 7.20 mm Motorola radios (wokitoki type)	g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lo	from from	72		
070_UA03358104_0032	Equipment		Hose gas masks (hose length 10 m)	Complete set: * 10m hose - 1pcs * Rubber corrugated tube	- from	72		
070_UA03358104_0033	Equipment		The lights are explosion-proof	Power supply- battery: "Charging method - 12 V / 20 V," ligress protection: IP66; "Housing - polymer; "Zone of use 20NE 2; "Battery type - build-in battery; "Type - manual.	- from	107		
070_UA03358104_0034	Equipment		Life jackets	813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (waist circumference) - 5 (640mm - 1000mm); \(\) (850mm - 1300mm); (1100mm - 1500mm); \(\)	from	72		
070 UA03358104 0035	Equipment		The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - Fall	from	72		
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 LC graphic display with 128 x 64 pinels + symbols Power supply: primary alkaline / manganese cells in the battery holder type Duracell industrial IDSO, nated voltage; 6-volts or 4 secondary NIMH cells in the battery holder, rated voltage: 4. volts, rated power: 2700 mAir Charging time: approx. 6 hour before full charge Charging voltage: 11 14 volts DC Chargin current max. 500mA (fuse) Operating time: 15 hours (without backlight), warming message if recharging required automatic shut-off when voltage is too low Ambient temperature: during operation: 20° C to 15° C Display: visual: digital concentration readings, (ppm, vol%, KLE, H, f / mbar) acoustic: concentration dependent sound signal sensitive to vibration depending on concentration Principle operation: Semiconductor seeming account account account account of principle of peration: Semiconductor seeming Concentration Principle of peration: Semiconductor seeming CSC Messages when account accou	D 4 4 e 8 8 s s s s s s s s s s s s s s s s s	36		
070_UA03358104_0037	Equipment		GOLIATH gas analyzer or similar	powered by 12V DC or 230V AC, Time charging approx. 3 hou US8 port (specified at 500 mA), Charging time approx. 8 hou Data storage 4 MB flash memory for more than 1 million measurement values Protection type IFS4 Dimensions 200 100 x87 mW leight approx. 1,250 Explosion protection ATEX BVS 09 ATEX E 079 X - EX II 2G EX Ib d IIB T3 / T4 Gb	rs from	89		
070_UA03358104_0038	Equipment		Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon djoxide	from	179		
070_UA03358104_0039	Equipment		Metal detector	* Discriminator - Yes * Soil balancing - manual * Max.	from	9		
070_UA03358104_0040	Equipment		Route finder SPRUT-17	electropotential antennas into a single structure. Dust spray protected, interference immunity Retains is technical and operational characteristics when operating in the area of high voltage transmission lines. Indication Analog graphic scale an sound signal separately for magnetic and electric antennas. Numerous values for the system of "magnetic" antennas. Neareavenent (estimation of the depth and relative values the magnitude of the current "pustations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude the variable component of the flowing current and "potential 1. Operating frequency (if work), 1st 100, 150, 1002, 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, 2st 100, 150 not less than 110 at f rob, d8: 1020, 5000 Hz not less than 130 at food, d8: 1020, 5000 Hz not less than 140 at food, d8: 1020, 5000 Hz not less than 140 at food, d8: 1020, 5000 Hz not less than 184. 4. Sensitivity to the input of the receiver relative the signa noise 6d8, µ/ not worse than 2.5. Sensitivity to magnetic field m/ A m not worse than 2.5. Deviation of the determined value of the depth of communication (to the axis of the rout at a current in the place of determination not test stan 200	hh-idd off from n n n n n n n n n n n n n n n n n n n	18		
	070_UA03358104_0027 070_UA03358104_0029 070_UA03358104_0029 070_UA03358104_0030 070_UA03358104_0031 070_UA03358104_0032 070_UA03358104_0033 070_UA03358104_0034 070_UA03358104_0035 070_UA03358104_0035	070_UA03358104_0027 Equipment 070_UA03358104_0028 Equipment 070_UA03358104_0029 Equipment 070_UA03358104_0030 Equipment 070_UA03358104_0031 Equipment 070_UA03358104_0032 Equipment 070_UA03358104_0033 Equipment 070_UA03358104_0034 Equipment 070_UA03358104_0035 Equipment 070_UA03358104_0036 Equipment 070_UA03358104_0036 Equipment 070_UA03358104_0038 Equipment 070_UA03358104_0038 Equipment 070_UA03358104_0039 Equipment	170 UA03358104_0027	An appendix An appendix	1903 LANGERS AND SQUINTED STATE	Sept Description Company Com	1971 1972	1909 1909

4752	070_UA03358104_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 5.8 hours per charge (6 hours) Power supply Lithbun-in oh latery Beam size 2.5 – 30 cm at a distance of 30 m 30 m depending on the object or reflection Weight 1.6 kg Dimensions 237 x 167 x 74 mm (fine time for the color of the col	rom	9	
4753	070_UA03358104_0042	Equipment	Heat gun S kW		* Service area, kV. m. 50; * Power, W. 5000; * Installation-Floor; * Type of roolant - electric; * Type of heating element-ceramic; * Purpoe-industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 3 fmonths of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 cl move * Voltage, in - 220 cl move * Voltage, in - 220 cl.	rom	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	rom	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	rom	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: 26D-FTV Type: turbocharged diesel engine L4) 15e-valve DOHC rule Type: diesel fuel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x9.00 Compression ratio: 15,6:1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm): 2400 foo 2 000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front ade and connecting a reduced gear Dynamic Indicators Maximum speed (lm / h): 170 Acceleration 0.010 m / h (5): 13.3 Fuel type: diesel fuel with cetane number of 48 or higher	rom	4	
4757	085_UA03361394_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 hm at 3000 rpm. Cylinders: 4 figine type: diesel engine Supertharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Madec dycle: 7.1 I / 100 km fluel tank: 701 Fisel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAK Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	rom	5	
4758	085_UA03361394_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	rom	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 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4,7 mm printer for thermal printing; Centronics-USB or R5232-USB adapter; Bar code reader; PC program for data archiving.	Welding diameter range * Imm] 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 [4] 6-53 Operating voltage range [V]	rom	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	Welding machine parameters Supply voltage [V] 230 Operating temperature range [*C] - 10 + 40 [At relative humidity < 75%) storage temperature range [*C] - 20 + 50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions [mm] 300x:50x:505 Pressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x:30x:30x:360 Pressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 60x080x154 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180x-240 Dimensions (height height) [mm] 60x080x15 Weight [kg] 15	rom	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 (TIN) 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	rom	5	

	1			W. D			
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 bil 150 mm iolde frequency 130 - 260 pm Number of strokes per minute 107 - 250 Impact neargy 19.7 J Wibration 19.5 m / s (fulling) 13.5 m / s (fulping) Dimensions 599 x 130 x 957 mm dustproof cartrige adapted for 505-MAX	from	5	
4768	085_UA03361394_0013	Equipment	Hydraulic oil station GPV13 (Stanley), in a set: $RVT \not = 1 \ 2 \ L = 10m$	Honda \ Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / h 3,5 Execution of the case Steel Dimensions (LWAH), 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, I / min 26-34 Working pressure, bar 105-140 Impact frequency, 1 min 1800 Acoustic power LWA, di 810 Shimensions (LxWxH), mm 670x420 Weight, kg 21	from	1	
4770	085_UA03361394_0015	Equipment	Light jackhammer, CHVU8 Stanley, included	Handle type D-shaped Oil flow, I / min 26-34 Working pressure, bar 40-140 Impact frequency, I min 1300-1500 Acoustic power LWA, 48.10 Sb ilmensions (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, I / min. 25-34 Diameter of a drain sleeve, mm (") 75 (3) Dimensions (LxWxH), mm 410x350 Weight, kg 14	from	1	
4772	085_UA03361394_0017	Equipment	Stanley COVIO circular saw, with a disk on concrete	Oil flow, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWsH), mm 350260 Weight, 8g Potation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart	from	1	
4773	085_UA03361394_0018	Equipment	Stanley trolley for COV10 dust	Volume of a tank for water, I 30 Dimensions (LWXH), rim 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, I / min. 20-40 Working pressure, bar 140 Dimensions (LsWxH), 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, I / 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 TIM Set Of technological equipment Stop system TIM RAVETTI (Italy) for overlapping gas pipelines through pressure fittings, pipeline diameters from bug to pushform, with a maximum working pressure of 12 kgf / cm ² and the possibility of laying a bypass line, complete with small mechanization. sta	Drilling machine (art. 530) is used with Stop system SS1 / SS2 SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs SS3 12 bar - 1 pcs 4. Stop system - 350 model 52 bar (Du 50-50) Taber - 1 pcs 4. Stop system - 350 model 52 bar (Du 50-50) Taber - 1 pcs 5. Stop system - 3 pcs 5 (20 pcs) Taber - 1 pcs 6. Stop system - 3 model 553 12 bar (Du 50-50) Taber - 1 pcs 6. Stop system - 3 model 553 12 bar (Du 50-50) Taber - 1 pcs 9. Stop system - 3 model 553 12 bar (Du 150 mm-iner diameter of the pipe) - 2 pcs 10. Wewing device for Stop system SS3 12 bar - 1 pcs 11. Hydraulic oil action 100-8. SUPER ASPID (tably is equipped with counter house teer, high pressure how with 885, 1 = 10000 refueled (2 pcs) - 1 pcs 12. Hydraulic actuator DOA ANIS (tably) - 1 pcs 13. Welding generator New MAGIC WELD TIM MOSA (tably), set-veloding cable M30/015190 (10m + 8m, 35mm2); (5 m cable) - 1 pcs	from	1	

4777	085_UA03361394_0022	Equipment			Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Wadraf Lottol 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 500W, £40 cartridge. Luminous flux - 96,000 Lm. The fan has a power of 1200 W, in the mode of blowing - the mode of 500W in falsation time of the cylinder- up to 60 sec., Time of full incandescence of the lamp- up to 50 minutes. Wind resistance (with extensions) - up to 20 m / sec. Climatic design - class Unigers protection; 96 54Ac. Laos for forection of invalidation 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-waterprofis durable inseparable material, the height of the cylinder of some storage is norths. Warranty period of operation of storage -6 months. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state the generator - 600MS-05600 (h) mm. Total weight with generator - 000MS-05600 (h) mm. Total	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 1.7 he Engine and device characteristics Engine model GENERAC Gas consumption 4.83 and 3.5tart heye electric start Felt type gas Engine type: 4-stroke engine Number of Cylinders 6 Cooling Rejuld cooling Engine manufacturer deerers thornian Javore 220 kW Dimensions 51252x465x194 mm Warrantly 12 months installation type stationary fivel brand Malaga NG 1 gas propane / butane lg LPG Weight 38 power 275 kW Three-phase voltage (380 V) Features hour meter emergency stop system Nobel level 66 d8	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 - horr 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1		
4785	085 UA03361394 0030	Equipment			Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	5		
4786	085_UA03361394_0031	Equipment			325 mm to 720 mm 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-lon 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 * SMP 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: DSIU B 361-2017, DSIU B 438-2017, DSIU B N 813: 2017, * Static breaking load - not less than 15 kN; * Dimensions (wast circumference) = (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	20		
4790	085_UA03361394_0035	Equipment	T .		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 152 mm Weight approx. 400 g Displays backlit LCD graphic display with 128 x 64 pixels + ymbols Power supply. 4 primary alkaline/ Imaganess collst in the batter bottler type. Darcal William (150 1500, 150 m) and 150 m) and 150 m of the properties of th	from	10		

4792	085_UA03361394_0037	Equipment	GOLIATH gas analyzer or similar	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 0.79 X - Ex II 2G Ex ib d IIB T3 / T4 Gb	rom	25	
4793	085_UA03361394_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carbon dloxide	rom	50	
4794	085_UA03361394_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Max. detection depth, m - more than 1.5 * Warranty - 24 months	rom	3	
4795	085_UA03361394_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magnetic and electropotential antennas into a single structure. Dust spray protected, interference inmunity 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. Nemerous values for the depth and relative values of the magnitude of the current "pulsations") Direct measurement: numerical values of the depth and relative magnitude of the current from the depth of the course of the magnitude of the current from the depth of the course of the work of the flowing current and "potential". 1. Operating frequency (if work, J. H.: 100, 150, 1200, 5000.2. g. Bandwidth at the level of 7 form s flave = 5 sh. Attenuation of signals with a frequency of 50 fix at it work, dis 100, 150 H: not less than 10 at from, dis 100, 5000 H: not less than 120 at from, dis 1.5 sensitivity to the input of the receiver relative to the signal / noise 68B, yill not worse than 12.5 sensitivity to the signal of the depth of 1 10 m, at 1 1 100 H; not magnetic field, m/m not worse than 0.2.6. Deviation of the determined value of the depth of 0.1. 10 m, at 1 1 100 H; not more than 12.7. Number of measurement values registered, 3 000 8. Current consumption (swerge), mas 120 9. Continuous operation time, hours, not less than 10	rom	5	
4796	085_UA03361394_0041	Equipment	Laser ELU leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch color LCD display (buch screen) Response time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time s 8 hours per charge (6 hours) Power supply Lithium-ion battery Beam size 25 - 30 cm at a distance of 30 m. 30 dm 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 Bensitivity 10 parts per million at a distance of 10 m. 30 operating temperature -17 to 50°C Humidity from 5 to 990 kB without freezing Protection class UPS-04 LSG connection, beaddphones, DC connector Accessories Headphones, belt, bag, charger Accessories Setting device	rom	3	
4797	085_UA03361394_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 - Industria; * Management - mechanical; * Type of heating - Fan; * Number of heating modes - 2; * Warranty - 36 months of flicial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 Imove * Voltage, In - 220.	rom	3	
4798	085_UA03361394_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 finding and market - 250 mm * Warranty - 24 months	rom	1	
4799	085_UA03361394_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	rom	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: 26D-FTV Type: turbocharged diesel engine L4 / 15-valve DOHC Fuel type: diesel flew lith tich etane number of 8 or higher Displacement (cml): 2393 Cylinder diameter x piston stroke (mml): 92.0 x 90.0 Compression ratio: 15,6:1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N mat rpm): 3 400 floo: 2 000 Environmental standard: EMR0 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front aske and connecting a reduced gear Dynamic indicators Maximum speed (km /h; 1: 700 Acceleration 0-100 km /h (1); 133 S fleet type: diesel fuel with cetane number of 48 or higher	rom	2	

4801	079_UA32940082_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (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 Maked cylee: 7.1 I/ 300 km fuel tank: 70 lF uel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Driver: Front Quantity gears: 5 BeRAS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	from	3	
4802	079_UA32940082_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	
4803	079_UA32940082_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings, Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm 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) -1.0 40, lat relative humidity -57%) Output power (V) 2500 Required unit power (W) 3000 Housing density class (°C) 45 Max. operating current (A) -630 Operating voltage range (V) 6-48 (D.5 V adjustable) Operating time range (s) 0-4999 (t s adjustable) Operating time range (s) 0-4999 (t s adjustable) operating time range (s) 0-4999 (t s adjustable) enternal printer memory. 200 last stitches Printing and copying parameters USB /RS-232 seams Illuminated LCD display length Working wires (m) 3 Interchangeable lugs (mm) 93.9; 64.7	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 sides, 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 (lat relative humidity-C75%) storage temperature range [*C] -20 +50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters/ Machine type Km1400 Dimensions (mm) 680x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -00 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height (mm] 600x800x150 Weight [kg] 51 heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height) [mm] 600x80x75 Weight [kg] 10 pl	from	1	
4805	079_UA32940082_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	
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. Power: 2200 W Disc diameter: 230 mm Maximum speed	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 / s ² (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 \ 2 " L = 10m		Honda \ Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), mm 530x280 Weight, kg 9 Rotation counterclockwise - Yes Brakes on an axis of rotation - Yes Possibility of installation on the cart - Yes	from	1	

4817	079_UA32940082_0018	Equipment				Stanley trolley for COV10 dust		Volume of a tank for water, I 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, I / 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, I / 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 DuSto to DuStform, 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 pS2 Drilling machine (art. 230) is used with Stop system SS1 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pS2 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pS3 . Holder of the internal cap art. 173 for art. 330 (necessity) necessary for carrying out works for diameters of Du 50-150) - 2 pbs. 3 brown for diameters of Du 50-150) - 20 pm. 1 pbs. 3 brown for diameters of Du 50-150) - 20 pm. 1 pbs. 3 brown for diameters of Du 50-150 on 500 pm. 1 pbs. 3 brown for diameters of Du 50-150 on 500 pm. 1 pbs. 3 brown for diameter of Du 50-150 pps. 3 pps. 3 pbs. 3		from	1	
4821	079_UA32940082_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen Ks 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare lamp - 1 pc. Stretch marks not less - 3 pcs Peg metal - Kvafart Jinch Jim , 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 plast housing, which is made of electric 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 - 90 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 SePENEAC Gas consumption 84.38 m3. Start type electric start Fuel type gas Engine type: 4- stroke engine humber of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5123416531495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane kg IpC Weight 38 power 275 kW Three- phase voltage (380 V) Features hour meter emergency stop system Noise level 66 d8	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 - horr 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	from	8	
4826	079_UA32940082_0027	Equipment				Rail jacks		1/2"; plastic suitcase 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
4829	079_UA32940082_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	3	
4830	079_UA32940082_0031	Equipment				325 mm to 720 mm 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 - 17 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 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 1pcs * Oust filter - 1pcs * SMP mask - 2 pcs	be - 0m - from	10	
4832	079_UA32940082_0033	Equipment	The lights are explosion-proof	Power supply - battery; * Charging method - 12 V / 22C largess protection: IP65; * Housing: polymer; * Zone of ZONE; * Battery type - built-in battery. * Type - mar	use - from	15	
4833	079_UA32940082_0034	Equipment	Life jackets	* Safety belt combined with shoulder and leg straps Material: polyamide, polyester, steel with a protective or * Standard: SOFU RM 361-2017, FOSTU RM 383-2017, FOST RM 383-20	ting; JEN * from); M	10	
4834	079_UA32940082_0035	Equipment	The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type - protection system * Length, m - 12	all from	10	
4835	079_UA32940082_0036	Equipment	VibraGas or similar gas detector	Dimensions: 149-165 x 58 x 34 mm (without "swan nec Swan neck: 152 mm (without "swan nec Swan neck: 152 mm (without "swan nec graphic diaglay with 128 x 64 gibes! a symbols Power suy primary alkaline / manganese cells in the battery holde Duracell industrial 115030, rated voltage: 6 volts or secondary NiMH cells in the battery holder, rated voltage volts, rated opener: 2700 mAh Charging time approx. 6 before full charge Charging voltage: 11 14 volts DC Ch current: max. 500m (kgto) Operating times: 35 hos. (without backlight), warning message if recharging request automatic shut-off when voltage is too low Ambier temperature: during operation: 20° Ct or 50° C tobs visual: digital concentration redigings, (ppm, vol1,%% LE / mbar) acoustic: concentration-dependent sound sessibility of vibration depending on concentration frip operation: 5emiconductors sensor (SCI) Measurement ac 0 - 1,000 ppn ± 20% of the final value J,000 - 100 pc 20% of the final value J,000 - 100 pc 20% of the final value R,000 - 100 pc 20% of the final value Reaction time: 190 s 10 sec.	LCD hy: 4 syppe : 4.8 burs gging fed, hPa al- le of lea of	5	
4836	079_UA32940082_0037	Equipment	GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight NiMH battery pr Operating temperature -10 °C to +40 °C Operating to Depending on application and lighting Charging The cha powered by 12V DC or 230V AC, Time charging approx. 3 USB port (specified at 500 mA), Charging time approx. 8 Data storage 4 MB flash memory for more than 1 mill measurement values Protection type IP54 Dimensions 100 x87 mm Weight approx. 1,250 g Explosion protect ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex 16 d IIB T3 /T4	ne er is nours from on Sb	13	
4837	079_UA32940082_0038	Equipment	Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Carl dioxide	n from	25	
4838	079_UA32940082_0039	Equipment	Metal detector	* Discriminator - Yes * Soil balancing - manual * Ma detection depth, m - more than 1.5 * Warranty - 24 mx	from from	1	
4839	079_UA32940082_0040	Equipment	Route finder SPRUT-17	Monoblock - an electronic unit connected to magnetic electropotential antennas into a single structure. Dust: sprotected Interference immunity Reatins its technical operational characteristics when operating in the area or ottages transmission lines. Indication Anolog arganics contages transmission lines. Indication Anolog arganics and electric anter Numerous values for the eyer and relative value of the depth and relative value of the depth and relative value of the depth of the operation of the contraction of the operation operation of the operation of the operation of the operation of the operation operation operation operation operation of the operation o	viray and high-high-high-high-high-high-high-high	3	
4840	079_UA32940082_0041	Equipment	Laser ELLI leak indicator	Technical data Gas Methane (CH4) LCD display 2.8-inch LCD display (touch screen) Response time For 0.2 se Measuring method Tunable diode-based laser absorp spectrometer (TUAS) operating times 8 hours per chan hours) Power supply Lthium-ion battery Beam size 25° at a distance of 30 m.30 m depending on the booker reflection Weight 1.6 kg Dimensions 237 x.167 x 74 Measurement range 0° 50,000 parts per million 5 ensith parts per million at a distance of 0 m.30 m 20 parts per at a distance of 10 m.30 m 500 kg H without freezing Portection IPS4 LSB connection, headphones, D Connector LSB LSB Connection, Paddybones, D Connector LSB LSB CASES Headphones, D Connector LSB	on on ee (6 0 cm of m from ty 10 llion oo°C class	1	

4841	079_UA32940082_0042	Equipment	Heat gun S kW	* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of colant - 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, ln - 220 ln move * Voltage, ln - 220
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, 8 - 220 - 240 * Features - Adjustable speed * Maximum d'illing 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 from 3 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-FIV Type: turbocharged diesel engine L4 / 15-valve DOHC Fuel type: diesel fuel with ectane number of 48 or higher Displacement (cmis): 2393 Cylinder diameter x piston stroke (mm): 29,0 x 90,0 Compression ratio: 15,6 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm)): 300/1 600 - 2000 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; 13: 13.3 Fuel type: diesel fuel with cetane number of 48 or higher
4845	073_UA39460902_0002	Equipment	Volkswagen T6.1 Box PRO L1H1 EU6 4MOTION or similar	ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Mm at 3000 rpm. Cylinders: 4 Engine type: diesel engine Superfrager: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mixed-cylic: 7.1 I / 100 km Pers Lank: 70 I Fuel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Direi: Forto Quantity gens; 5 BBEAMS Front: Ventilated dics Rear: WHEELS discs Discs: Steel Disc size: 16 *
4846	073_UA39460902_0003	Equipment	Autonomous welding unit DGW 310 MS / RS - 1- post	Rated welding content 260/280 D.O. Rated welding voltage 30.4 / 31.20 Operating voltage voltag
4847	073_UA39460902_0004	Equipment	assemby 7125 Welding machines for thermistor welding of polyethylene pipes like Kanitech included propose 110, 125	Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voitage (§ 123 Doperating temperature range for 90 under diameters of pipes of 25, 32, 40, 63 lamp assembly ZT 110/200 under diameters of 5, 140, 160, 180, 200 mm, Interchangeable tips for 140, 180, 200 mm, Interchangeable tips for the for thermal printing; Centrolicies-USB or diapter; Bar code reader; PC program for data archiving. Welding diameter range * [mm] up to 250 mm Barcode scanner Supply voitage (§ 120 doperating temperating reangle) for 150, 180, 200 mm, Interchangeable tips from from 1 digitable) potenting time range (§ 10-499) (1 s digitable) potenting time range (§ 1
4848	073_UA39460902_0005	Equipment	Welding machines for butt welding of plate, plans	Welding machine parameters Supply voltage [V] 230 Operating temperature range [* C] -10 +40 (at relative humidity 75%) Storage temperature range [* C] -20 +50 Supported 508 9, 11; 136; 17; 17; 6; 21; 62; 76; 27, 63; 34: 11 Parameters of manual power supplies Parameters / Machine type Km7400 Dimensions (mm] 300x50x:505 Pressure control proportional valve Pressure control range (paid) 900 Operating postion vertical System power [V] 5100 Automatic power supplies parameters / Machine type Km7400 Dimensions (mm] 800x320x:650 Pressure adjustment type Km7400 Dimensions (mm] 800x320x:650 Pressure adjustment range (bar) 90 Operating postion vertical System power [V] 5100 Automatic power supplies parameters / Machine type Km7400 Dimensions (mm] 800x320x:650 Pressure adjustment range (bar) 90 Operating postion vertical System power [V] 5100 Automatic power supplies provincial valve Pressure adjustment range (bar) 90 Operating postion vertical System power [V] 5100 Automatic power supplies postion vertical System power [V] 5100 Automatic power supplies power supplies power and power supplies power and power supplies power and power supplies
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 Mominal welding current, A 200 Maximum operating current, A 240 Duration of loading (TN) 40% Limits of change of a power supply network, B 150-260 Limits of regulation of welding current, A 25 - 200 Diameter of an artificial electrode, mm 1,5-6 Case
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) from 1
4851	073_UA39460902_0008	Equipment	Clamps for pressing of polyethylene pipes diameter of 32-90 mm	Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm. from 5
4852	073_UA39460902_0009	Equipment	clameter of 3-2-90 mm Clamps for pressing of loyethylene pipes diameter of 90-250 mm	Mechanical drive type: working area: diameter: 90-250 mm.
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 (idling): 6600 rpm 4
_			Angle grinder of 1,5 kW	1300 W or 1500 W.

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 (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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / min 26-34 Working pressure, bar 40-140 Impact frequency, 1 min 1300-1500 Acoustic power LWA, d8 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4862	073_UA39460902_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSO to DuSOmn, 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 2 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps2 / SS3 12 Bar (required for work for diameters Du 50-150) - 1 ps3 - 1.0 bide of the internal cap art. 715 for art. 530 (necessarily necessary for carrying out works for diameters of Du 50-150) - 12 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 2 Dats roll 2 bars - 1 pc4 . Stop system - 351 model 52 Sz 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop system - 351 works SS2 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bars - 2 pc4 . Stop had 03 12 1/2 - 2 pc4 . Stop with common size of the stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 stop system SS3 12 bars - 1 pc5 12 stop system SS3 12 bars - 1 pc5 13 - 1 pc5 12 - 1 p	For works (flow stop) on pipelines with a diameter of Du 50	from	1	
4865	073_UA39460902_0022	Equipment	Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 Repetal- Navdard 100.01 mm, 350 mm long - 3 pcs Spare air filter - 1 pcs		from	3	

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 0.1 Continuous operation time 12 h Engine and device characteristics Engine moded (SNERAC Gas consump 84.38 m3. Start type electric start Fuel type gas Engine t stroke engine Number of yolinders 5 Cooling liquid co Engine manufacturer Generac Nominal power 240 Dimensions 51232146839149 mm Warranty 12 mon Installation type stationary Fuel brand Main gas N6 + propose D- Usutane kg LPG Weight 38 power 25 NY Propose D- Usutane kg LPG Weight 38 power 25 NY phase voltage (380 V) Features hour meter emergency system Note level 66 d8	e: 4- ng / from s as	1	
4867	073_UA39460902_0024	Equipment				Three-element folding ladder up to 6 m	Working height 6.05 m Number of steps 24 Maximum Io kg Material aluminum Width 480 mm Weight 14.4 l	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 typ cap Size in mm 6.7.8,9,10,11,12,13,14,15,16,17,18,19,2 24,27,30,32	22, 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(1); 19;20;21;22;23;24;27;30;2 m; artchel. "mechanism;1/2":estenders: 75,125;20 mm; cardan 1/2"; oblatic sulicase	/2 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 - Productivity, I / min - 220 I / min Shape - Horizontal T volume, I - 50 l Compressor type - Piston Conveyor wh	ık from	1	
4873	073_UA39460902_0030	Equipment				Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720	ım. from	3	
<u> </u>		- ' '		+		325 mm to 720 mm	Range not less than 10 km Number of channels - 12		+	
4874	073_UA39460902_0031	Equipment				Motorola radios (wokitoki type)	Frequency range - 446 Mile (TWM) Power - 55 W Weight g Dimensions 57 x 116 x 38 mm Options - f /s, charger, battery 200 mA /h . dip on the state of	262	10	
4875	073_UA39460902_0032	Equipment				Hose gas masks (hose length 10 m)	Complete set: 10m hose - 1pcs * Rubber corrugated 2pcs * Belt - 1pcs * Shoulder strap - 1pcs * Signal rope 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs 1pcs * Dust filter - 1pcs * SMP mask - 2 pcs		10	
4876	073_UA39460902_0033	Equipment				The lights are explosion-proof	Power supply - battery; * Charging method - 12 V / 22 Ingress protection: IP66; * Housing- polymer; * Zone o ZONE; * Battery type: - built in battery. * Type: - mar	ise - from	15	
4877	073_UA39460902_0034	Equipment				Life jackets	* Safety belt combined with shoulder and leg straps Material: polyamide, polyester, steel with a protective of * Standard. SOFU RM 543-12/7, FOST UR 583-51/7, FOST UR 583-51/	ting; EN from	10	
4878	073 UA39460902 0035	Equipment				The rescue halyard	Breaking load, kN - 15 * Material - Polyamide * Type -	all from	10	
4879	073_UA39460902_0036	Equipment				VibraGas or similar gas detector	Dimensions: 149-165 x 58 x 34 mm (without "swan nes Swan neck 162 mm Weight Amm (without "swan nes Swan neck 162 mm Weight Amm (without "swan nes Swan neck 162 mm Weight Amm (without "swan nes Swan neck 162 mm Weight Amm (without Swan January 164 mm) and the principle of the pr	LCD hy: 4 ype 4.8 surs ging ed, from yy: - hPa il - le of racyy:	5	
4880	073_UA39460902_0037	Equipment				GOLIATH gas analyzer or similar	128 x 64 pixel LCD display, backlight NiMH battery pi Operating temperature -10° C to +40° C Operating to Depending on application and lighting Charging the the powered by 12V DC or 230V AC, Time charging approx. USB port (specified at 500 mA), Charging time approx. 8 Data storage 4 MB flash memory for more than 1 mil measurement values Protection type IP54 Dimensions 100 x87 mm Weight approx. 1259 g Explosion protect ATEX BVS 09 ATEX E 079 X - Ex II 2G Ex ib d IIB 13 / TG	er is sours ours from on 00 x on sib	13	
4881	073_UA39460902_0038	Equipment				Carbon dioxide fire extinguishers (OU-5 type)	* Weight of extinguishing agent, kg - 3.5 * Type - Car	n from	25	
4882	073_UA39460902_0039	Equipment				Metal detector	* Discriminator - Yes * Soil balancing - manual * Ma detection depth, m - more than 1.5 * Warranty - 24 m		1	

4883	073_UA39460902_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 Reatins its technical and operational characteristics when operating in the area of high-voltage transmission lines. Indication Analog arphic 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 other 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.), H± 100, 150, 102, 5000. 2. flowing that the level of 0. Thorn slave ± 5% a Attenuation of signals with a frequency of 50 th as if work, dis 100, 150 hit not less than 110 art fron, dis 1200, 5000 it not less than 125 a. Sensitivity to the input of the receiver relative to the signal / noise 668, y/ unto worse than 12. Sensitivity to magnetic field, m/ m not worse than 0.2. Sensitivity on of the routely, at a current in the place of determination not less than 200 m/, for a depth of 0.1 10m, at 1 + 1000 Hz, not more thank's 1.2. 7. Number of measurement values registered, 3 000 8. Current consumption (severage), mat 120 9. Continuous operation time, hours, not less than 10	om	3	
4884	073_UA39460902_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 times 8 hours per charge (6 hours) Power supply Lthimuno hattery 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 157 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 0 10 m 20 parts per million at a distance of 10 m 20 parts per million at a distance of 10 m 20 parts per million at 3 distance without receing Protection class IPS4 USB connection, headphones, DC connector Accessories Headphones, belt, bg., dragar Accessories Setting device	om	1	
4885	073_UA39460902_0042	Equipment	Heat gun 5 kW	* Service area, kV. m - 50, * Power, W - 5000, * Installation - Floor, * Type of coaint - electric, * Type of heating element - ceramic, * Purpose - Industrial, * Management - mechanical, * Type of heating - Fan, * Number of heating modes - 2; * Warranty - 36 months of Micial warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, In - 220 I move * Voltage, In - 220 I mov	om	1	
4886	073_UA39460902_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 dimeter - 250 mm * Warranty - 24 months of the speed of	om	1	
4887	073_UA39460902_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 br bar	om	3	
4888	086_UA32736800_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 / 15-valve DDHC Fuel types (eliesel fleut with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 92.0 s 90.0 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N mat rpm): 400/1 600 - 2000 Environmental standard: £UR0 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of diengenging the front ade and connecting a reduced gear Dynamic indicators Maximum speed (km / h): 170 Acceleration 0- 100 km / h (s): 3.3 Fuel type: diesel fuel with extane number of 48 or higher	om	2	
4889	086_UA32736800_0002	Equipment	Volkswagen T6.1 Box PRO 1.1H1 EUG 4MOTION or similar	Diesel Eco-standard compliance: Euro-S PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BREAKS Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 *	om	3	
4890	086_UA32736800_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	om	1	

4891	086_UA32736800_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamikech included	Welding machine, Mounting clamp for couplings; Clamp assembly 2T25 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 2T 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4,7 mm printer for thermal printing; Centronics-USB or R5232-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 [* [* -] -0.4 04 [6] tetalethe bunidity -75%] Output power [V] 2500 Required unit power [W] 3000 Housing density class [* 6.48 0.5 V adjustable) Operating voltage range [V] 6-48 (0.5 V adjustable) Operating time range [s] 0-4990 [s adjustable) Experiment of the state of t	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-C759) Storage temperature range [*C] -20 +50 Supported S0R 9; 11; 136; 17; 176; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [ssr] -90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm] 880x320x360 Pressure adjustment proportional valve Pressure adjustment range [last] o-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rgm] 20 Dimensions (Width) height [rm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 130-240 Dimensions (height height [rm] 600x800x15 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400	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 Puration of loading (TN) 40% Limits of change of a power supply network, B 160-250 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)	from	1	
4895	086_UA32736800_0008	Equipment	Clamps for pressing of polyethylene pipes		Electrode diameter: 2.0 - 8.0 mm Mechanical drive type: working area: diameter: 32-90 mm.	from	5	
4896	086_UA32736800_0009	Equipment	diameter of 32-90 mm Clamps for pressing of polyethylene pipes		Mechanical drive type: working area: diameter: 90-250 mm.	from	5	
4897	086_UA32736800_0010	Equipment	diameter of 90-250 mm 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 (idling): 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 n / s (drilling) 135 n / s ² (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 \not $		Honda \Subaru engine Power, hp 13 Oil flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, m3 \ h 102 Max. Lifting height, m 31 Housing design Polyurethane Working pressure, bar 140 Oil flow, I / 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, I / min 26-34 Working pressure, bar 140 Maximum diameter of a circle, mm 355 Dimensions (LWWH), 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4906	086_UA32736800_0019	Equipment	The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oli flow, I / 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, I / 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 DuSO to DuSform, with a maximum working pressure of 12 kgf / cm² and the possibility of laying a bipass line, complete with small mechanization.	Stop system 551 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 pcst DN 12 bar - 2 pcs 7. Stop head DN 3 1/2 "-2 pcs 8. Viewing device for Stop pcstop SC3 11 bar - 1 pcs 1 p		from	1	
4909	086_UA32736800_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 1 pcs petrol generator Konner & Sohnen KS 3000 - 1 pcs Cover for storage of installation - 1 pcs Spare Impar - 1 pcs Street has not less - 3 pcs Peg metal - 1 AVedrat 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 electric 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 peration of the installation - 12 months. Dimensions of the installation in the folded state with the generator - 600x450x600 (in 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 GENRAC 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 51234.46543495 mm Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butten kg LPG Weight 38 power 275 kW Threephase 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 - horr 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 4916	086_UA32736800_0028 086_UA32736800_0029	Equipment Equipment				Hydraulic jacks 5 t. Compressor up to 10 At		load capacity 5 t Power type - Mains Power, W - 1500 W Pressure, bar - 10 bar Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
4917	086_UA32736800_0030	Equipment				Centralizers for steel pipes with a diameter from		Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	3	
4918	086_UA32736800_0031	Equipment				325 mm to 720 mm 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-lon 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 * SMP 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 363-2017; DSTU EN 363-2017; DSTU EN 363-2017; DSTU EN 363-2017; STAIC breaking load - not less than 15 kN; * Dimensions (wasti circumference) - (640mm - 1000mm); M (850mm - 1300mm); L (1100mm - 1500mm);	from	10	

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: backit LCD graphic display with 128 x 64 pixels = symbols Power supply: 4 primary alkaline / manganese cells in the battery holder type Duracell industrial IDISO, nate vlottage 6: volts or 4 secondary NIMH cells in the battery holder, rated voltage; 4.8 volts, rated power: 270 mA Charging time-approx. 6 hours before full charge Charging voltage: 11 14 volts DC Charging the state of the st	from	5	
4924	086_UA32736800_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 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 IPSA Dimensions 200 x 100 x 87 mM leight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX E 079 X - Ex II 26 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. Bust spray protected. Interference immunity Retains its technical and operational characteristics when operating in the area of high-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. Numerous values for the system of 'magnetic' antennas. Measurement (estimation of the depth and relative values of the other of the operation 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 to component of the flowing current and 'potential'. 1. Operating frequency (if work,), Hz 100, 150, 1202, 5000 2. Bandwidth at the level of 0.7 from I slave 5.5 A. Attenuation of signals with a frequency of 50 Hz at twork, dis 100, 150 Hz not test shan 185. 4. Sensitivity to the input of the receiver relative to the signal / noise 668 µ. Vint of worse than 0.2.6. Deviation of the determination value of the depth of communication (to the axis of the route), at a current in the place of determination not less than 2.00 mA, for a depth of 0.1 10 m, at 1 - 12.00 Hz, not more than 1.2.7. Number of measurement values registered, 3 000 8. Current consumption (average), ma 12.9. Scontinuous 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) Responses time For 0.2 sec. Measuring method Tunable diode-based laser absorption spectrometer (TDLAS) Operating time 5.8 hours per charge (6 hours) Power supply Lithum-ion battery Beam size 25 ~ 30 cm at a distance of 30 m. 30 dm 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 Bensitivity 10 parts per million at a distance of 10 m. 30 operating temperature -17 to 50°C Humidity from 5 to 90% RH without freezing Protection class IPS4 USS 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 - S0, * Power, W - 5000; * Installation - Floor; * Type of codiant - electric; * Type of heating element - ceramic; * Purpose - Industria; * 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 I move * Voltage, In - 220	from	1	
4930	086_UA32736800_0043	Equipment	Installation of diamond drilling in a set of 50- 250 mm	Power, W2300 * Number of speeds - 2 * Mains voltage, B- 220 - 240 * Features - Adjustable speed * Maximum drilling diumeter -250 mm * Warranty - 24 moeths	from	1	

					For work (flow stop) on pipelines of small diameter Du 20 mm		T	T	
4931	086_UA32736800_0044	Equipment	MINI-STOP SYSTEM Ravetti (Italy)		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 4x8 Business Engine Engine code: 26D-FIV Type: turbocharged diesel engine 14 / 16-valve DOHZ cluel type: diese fluel with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.20, x 9.00 Compression ratio: 15,6: 1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N· m at rpm): 400/16 000 - 2000 Environmental standard: EURO 6 Transmission Type: 6-speed manual Drive type: all-wheel drive with the possibility of disengaging the front asle and connecting a reduced gear Dynamic indicators Maximum speed (km / hj; 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 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 Nm at 3000 rpm. O/inders: 4 Engine type: diesel engine Supercharger: Turbine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mwed cycle: 7.1 I/ 100 km fuel tank: 70 IF uel: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Clauditty gears: 58 BEAS 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 2725 / 90 under diameters of pipes of 25, 32, 40, 63, 75, 90 mm; Clamp assembly 27 110/200 under diameters of pipes 110, 125, 140, 160, 180, 200 mm; Interchangeable tips 39, 4.7 mm Printer for thermal printing; Centronics-USB or R5232-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 [**O] -3.0 Holg lar tealishe lumidity -5750] Output power [V] 2500 Required unit power [W] 3000 Housing density class [**D 45 Max. operating voltage range [V] 6-48 (D.5 V adjustable) Operating entities grange [V] 6-49 (D.5 V adjustable) Operating time range [s] 0-4999 [1 s adjustable) Enternal printer memory. 200 last stitches Printing and copying parameters USB / R5-232 seams Illuminated LCD display length Working wires [m] 3 interchangeable lugs [mm] (93.9) 647.	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-C750) Storage temperature range [*C] -20 +50 Supported S0R 9, 11; 13.6; 17; 17.6; 21; 26; 27.6; 33; 41 Parameters of manual power supplies Parameters / Machine type Km1400 Dimensions (mm] 300x520x505 Pressure control proportional valve Pressure control range [bar] -00 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions (mm) 880x320x360 Pressure adjustment proportional valve Pressure adjustment range [bar] -00 System power [9] 8700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters [Machine type Km1400 Rev. [rm] 20 Dimensions (Width) height [mm] 600x800x150 Weight [kg] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180-240 Dimensions (height height [mm] 600x800x150 Weight [kg] 51 heating height [mm] 600x80x150 Weight [kg] 60	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 Puration 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, mn 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 I Vibration 19.5 m / s (drilling) 13.5 m / s' (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: $RVT \not \! D1 \setminus 2 \ ^{u}L = 10m$		Honda \Subaru engine Power, hp 13 Oii flow, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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		

4946	087_UA36995601_0015	Equipment				Light jackhammer, CHV08 Stanley, included		Handle type D-shaped Oil flow, I / 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, I / 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, I / 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, I 30 Dimensions (LxWxH), mm 800x500 Weight, kg 70	from	1	
4950	087_UA36995601_0019	Equipment				The VFV8 Stanley fan, in a set: an air hose of 20 m		Maximum productivity, m3 \ g 2100 Oil flow, I / 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, I / 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 DuSto to Ustform, with a maximum working pressure of 12 kgf / cm² and the possibility of larging a bipass 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 2. Drilling machine (art. 230) is used with Stop system SS3 / SS3 12 bar (required for work for diameters Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.350 (necessity) necessary for carrying out works for diameters of Du 50-150) - 1 pcs 3. Holder of the internal cap art. 137 for art.350 (necessity) necessary for carrying out works for diameters of Du 50-150) - 90mm - internal diameter of a pipe) - 2 pcs 50 (weing device for Sop systems 13 Dar - 1 pcs 61 yestem 3 device 10 pcs 10 yestem 3 model SS3 12 atm. (Du 100-125mm - inner diameter of the pipe) 12 bes 7 - 2 pcs 7. Sop head 07 31 37 - 2 pcs 8. Viewing device for Sop system SS3 12 bar - 1 pcs 19 yestem - 3 model SS3 12 bar (Du 150 mm - inner diameter of the pipe) - 2 pcs 10. Wiewing device for Stop system SS3 12 bar - 1 pcs 11 Hydraulic all station DAS AUSER ASD (Ital) is leavinged with counter hour meter, high pressure hose with 885, 1 = 10000 refueled (2 pcs) - 1 pcs 12 Hydraulic actuator DAAMIS (Italy) - 1 pcs 13. Wedding generator KEW MAGIC WELD TM MCSA (Italy), set: wedding cable M30701930 (10m * 8m, 35mm2); (5 m cable) - 1 pcs	For works (flow stop) on pipelines with a diameter of Du 50	from	1	
4953	087_UA36995601_0022	Equipment				Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 - Waldraf Lohd Imm, 350 mm long - 3 pcs Spare air fifter - 1 pcs		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 hime 12 h Engine and device characteristics Engine mode (ENRMC Gas consumption 84.38 m S. Start type electric start Fuel type gas Engine type: 4-stroke engine Number of cylindres f Cooling legical cooling Engine manufacturer Generac Nominal power 240 kW Dimensions 5122416834198 m Warranty 12 months Installation type stationary Fuel brand Main gas NG + gas propane / butane ig LPG Weight 38 power 275 kW Threephase voltage (380 V) Features hour meter emergency stop system Noile 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 - horr 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	
L								2-12-13-22			

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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; 303 22 mm; ratche handle: 1/2 "mechanism; 1/2 * vestenders: 75, 125, 250 mm; cardan joint 1/2", obstruct sulticase	from	8	
4958		Equipment	Rail jacks	load capacity 5 t	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 ba Productivity, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
4961	087 UA36995601 0030	Equipment	Centralizers for steel pipes with a diameter from	Centrifuge with two chains for pipes; Range - 325 - 720 mm.	from	3	
4962	087_UA36995601_0031	Equipment	325 mm to 720 mm Motorola radios (wokitoki type)	Range not less than 10 km Number of channels - 128 Frequency range - 464 MHz (PMR) Power - 0.5 W Weight - 26. g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lon battery 2100 mA / 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 - 1pc * Dust Riter - 1pcs * SMP mask - 2pc * SMP mask - 2pc	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 - Unit-him 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: OSTU R 1983-12-17, OSTU R 1983-2071; OSTU R 1983-2071; OSTU R 1983-12-7, OSTU R	from	10	
4966	087_UA36995601_0035	Equipment	The rescue halyard	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 s SB x 34 mm (without "swan neck")+ Swan neck 162 mm Weight: approx. 400 g Displays backlit LCI graphic display with 128 x 64 pixels + symbols Power supply. primary alkaline / manganese cells in the battery holder type Duracell industrial DISDO, rated voltage: 6 voltos r 4 secondary NIMH cells in the battery holder, rated voltage: 4.8 volts, rated power: 2700 mAh Charging inter approx. 6 hours before full charge Charging voltage: 11 14 volts DC Charging current max. 500m A (lave) Operating times - 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 redigneding, (pgm, vol 4%, 84 LE, NPA / mbar) acoustic: concentration-dependent sound signal- sensitive to vitration depending on concentration Principle o operation: Semiconductor sensor (SC) Measurement accuray 0 - 1,000 ppm ± 20% of the final value 1,000 - 1,000 ppm ± 20% of the final value Roac in time: 190 s 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 in powered by 12V DC or 230V AC, Time charging approx. 3 hour USB port (specified at 500 mA), Charging time approx. 8 hour Data storage 4 MB flash memory for more than 1 million measurement values Protection type IPS4 Dimensions 200 x. 100 x87 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	
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 arpshic 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 superinude of the current "pulsations") Direct measurement: numerical values of the depth of the "occurrence" of communications and the relative magnitude 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 flows, it 500, 150 Hz not less than 130 at frod, dis 1020, 5000 tt not less than 130 at frod, dis 1020, 5000 tt not less than 130 at frod, dis 1020, 5000 tt not less than 130 at food and the signal note 668, µ² not worse than 2.5. Sensitivity to magnetic field m/n m not worse than 0.2.0. Devokation of the determined value of the depth of 0.1. munication (to the asso of the route at a current in the place of determination not less than 2.0 mA, for a depth of 0.1. m, n, at ± 1.001 tt, not more than 2.2. Number of measurement values registered, 3 000 8. Current consumption (swerage), mat 209. Continuous operation time, hours, not less than 10	f from	3	

4972	087_UA36995601_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 5.8 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.15 x 72 mm Measurement range 0 ~ 50,000 parts per million parts per million at a distance of 10 ~ 30 m Operating temperature -17 to 50°C Humidity from 5 to 50% RH without freezing Protection class 1954 USB connection, headphones, Dc Connector Accessories Headphones, belt, bag, charger Accessories Setting device	rom	1	
4973	087_UA36995601_0042	Equipment	Heat gun S kW		* Service area, kV. m - 50; * Power, W - 5000; * Installation - Floor; * Type of coolant - electric; * Type of the sting element - ceramic; * Purpoe: industria; * Management: mechanica; * Type of heating - Fan; * Number of heating modes - 2; * Warrany, - 3 months of official warranty from the manufacturer * Protection functions - Protection against overheating * Features - The handle for movement * Voltage, in - 220 I move	rom	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	rom	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	rom	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: 260-FTV Type: turbocharged diesel engine L4 / 15-valve DOHC Tuel type: dieses flew with cetane number of 48 or higher Displacement (cm3): 2393 Cylinder diameter x piston stroke (mm): 9.2,0 x 90,0 Compression ratio: 15,6:1 Maximum power (kW (hp) at rpm): 110 (150) / 3 400 Maximum torque (N · m at rpm): 4:00/16 00 - 2000 Environmental standard: EURO 6 flamps: 100 - 2000 Environmental stand	rom	2	
4977	089_UA39258250_0002	Equipment	Volkswagen T6.1 Box PRO LIH1 EU6 4MOTION or similar		ENGINE Volume: 2.0 I (1968 cm 3) Max. power: 110 hp at 4000 rpm Torque: 250 hm at 3000 rpm. Cylinders: 4 fingine type: diesel engine Supercharger: Turnine PERFORMANCE CHARACTERISTICS Max. speed: 164 km / h Acceleration: 14.3 s to 100 km / h Mader Cycle: 7.1 / 100 km feut lank: 701 Field: Diesel Eco-standard compliance: Euro-5 PPC Name: 5-MKP Type: Mechanical Drive: Front Quantity gears: 5 BRASE Front: Ventilated discs Rear: WHEELS discs Discs: Steel Disc size: 16 "	rom	3	
4978	089_UA39258250_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	rom	1	
4979	089_UA39258250_0004	Equipment	Welding machines for thermistor welding of polyethylene pipes like Kamitech included	Welding machine, Mounting clamp for couplings; Clamp assembly T175 / 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 39, 47 mm printing Centronics-USB or R5232-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 SA Max - operating runner [Id. 65 Operating voltage range [V]	rom	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 sildes, 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] Lot relative humidity (*78) Storage temperature range [*C] - 20 - 50 Supported S08 9; 11; 13.6; 17; 17.6; 21; 62; 27.6; 33; 41 Parameters of manual power supplies Parameters (Machine type Km1400 Dimensions [mm] 300x:50x:509 Fressure control proportional valve Pressure control range [bar] 0-90 Operating position vertical System power [V] 5100 Automatic power supply parameters Parameters / Machine type Km1400 Dimensions [mm] 680x:30x:30x:309 Fressure adjustment proportional valve Pressure adjustment range [bar] 0-90 System power [8] 6700 Seam memory 100 last seams Printer maintenance Serial data printers Lathe parameters Parameters / Machine type Km1400 Rev. [rpm] 20 Dimensions (Width) height [mm] 60x080x154 Weight [8] 51 Heating plate parameters Parameters / Machine type Km1400 Temperature control range [*C] 180x-240 Dimensions (height height) [mm] 60x08x058 Weight [8] 15	rom	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 200 Duration of loading (TN) 40% Limits of change of a power supply network, B 160-260 Limits of regulation of welding current, A 25 - 000 Diameter of an artificial electrode, mm 1,6-5 Case	rom	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 Ultration 19.5 m 5 (drilling) 13.5 m/3 (fcliping) 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, I / min. 30 Working pressure, bar 140-155 Starter Rotary Average fuel consumption, I / 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, I / 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, I / 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, I / 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, I / 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	from	1	
4993	089_UA39258250_0018	Equipment	Stanley trolley for COV10 dust		Volume of a tank for water, I 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, I / min. 20-40 Working pressure, bar 140 Dimensions (LvWxH), mm 600-500- 700 Weight, kg 21	from	1	
4995	089_UA39258250_0020	Equipment	Impact wrench IW12 (Stanley)		Weight, kg & Dimensions (LxW), mm 240x100 Flow, I / 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 DuSto 10 but 35mm, with a maximum working pressure of 12 kg / cm² and the possibility of siying a bipass line, complete with small mechanization.	1. Drilling machine (art. 530) is used with Stop system SS1 / SS2 / SS3 22 bar (required for work for diameters to US-150) - 1 pc / SS3 12 bar (required for work for diameters to US-150) - 1 pc / SS3 12 bar (required for work for diameters SU 50-150) - 1 pc / SS3 12 bar (required for work for diameters DS-05-150) - 1 pc / SS3 12 bar (required for work for diameters OB-05-150) - 1 pc / SS3 10 pc / SS3 12 bar (DD-150 pc / SS3 12 bar / DD-150 pc / DD-150 p		from	1	

4997	089_UA39258250_0022	Equipment		Mobile lighting installation	Mobile lighting installation "TOWER" type EL (5) 6005 - 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 500V, £40 cartridge. Limmious filax - 96.000 Lm. The fan has a power of 1200 W, in the mode of blowing - 600 W. Inflation time of the cylinder - yo to 50 ser. Time 7500 Lm (with extensions) - up to 20 m. for simulate. Wind resistance (with extensions) - up to 20 m. f see. Climate design - class 2.0 lingress protection: Pf 65/44. Class of protection of insulation from electric shock: Pl. The power unit is located in a cylindrical plastic houssing, which is made of dielectric of durable insuparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period churble insuparable material, the height of the cylinder is 5 meters. Service life - not less than 5 years. Warranty period of operation of the installation - 12 months. Dimensions of the installation in the folded state with the generator - Coulox-Su600 (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 Hz Brighe and device characteristics fingine model GENERAC Gas consumption 84.83 m3. Start type electric start two type gas Engine type; 4-stroke engine Number of cylinders 6 Cooling liquid cooling Engine manufacturer Generac Normial power 240 kW Dimensions 512834 65431945 mm Warranty 12 months installation type stationary fuel brand Main gas NG - gas propane / Dustane kg LPG Weight 38 power 275 kW Threephase voltage (380 V) Features hour meter emergency stop system Notice 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, I / min - 220 I / min Shape - Horizontal Tank volume, I - 50 I Compressor type - Piston Conveyor wheels	from	1	
5005	089_UA39258250_0030	Equipment		Centralizers for steel pipes with a diameter fro 325 mm to 720 mm	m	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 (PMB) Power - 0.5 W Weight - 262 g Dimensions 57 x 116 x 38 mm Options - r / s, charger, Li-lon 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 * SMP 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: DSU IN 361-2017; DSTU EN 358-2017; DSTU EN 813: 2017; * Static breaking load - not less than 15 kN; * Dimensions (wasts circumference) - 5 (\$40mm - 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 S8 x 34 mm (without "swan neck") + Swan neck 127 mm Weight approx. 400 g Diplay: backlit LOS graphic display with 128 x 64 pokes; wymobs Power upon graphic display with 128 x 64 pokes; wymobs Power upon graphic display with 128 x 64 pokes; wymobs Power upon graphic display with 128 x 64 pokes; wymobs Power upon graphic display with 128 x 64 pokes; wymobs Power upon graphic display with 128 x 64 pokes; wi	from	5	

5012	089_UA39258250_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 12 V O C - 230 V A.C, Time Abraging approx. 3 hours US8 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 IPS4 Dimensions 200 x 100 x 87 mm Weight approx. 1,250 g Explosion protection ATEX BVS 09 ATEX C 079 X - Ex II 26 Ex ib d IBT 37 / 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	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. Numerous values for the system of "magnetic antennas. Numerous values for the system of imagnetic antennas. Neasurement (returnation 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 urent and "potential". 1. Operating frequency (if work), lit 2100, 150, 1020, 5000 2. Bandwidth at the level of 0.7 from is laws = 5% 3. Attenuation of signals with a frequency of 50 Hz at f work, dis 100, 150 Hz ot test shan 135 4. Sensitivity to the input of the receiver relative to the signal / noise 6dig, ju/n ot worse than 2.5. a 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 1-1020 Hz, not more than% ± 2.7. Number of measurement values registered, 3000 &. Current consumption (average), ma 120 9. Continuous operation time, hours, not less than 100	from	3			
5016	089_UA39258250_0041	Equipment				Laser ELU 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 dlode-based laser absorption spectrometer (TDLAS) Operating time s.8 hours per charge (6 hours) Power supply Lithium-ion batterly 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 7 d 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 - Industriaj; * Management - mechanicaj; * 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 movernet * 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		\vdash	
5023	104_UA32359108_0004	Equipment				Rail conductor (L = 12.5 m) complete with Briara bracket	R-50	pcs (m)	100 (1250)			I
5024	104_UA32359108_0005	Equipment				compressor UkVSh-15/7		pcs	1			
5025	104_UA32359108_0006 104_UA32359108_0007	Equipment				Electric motor SDV-15-64-10-U3 Electric motor MA-36-125 / 740	1250 kW 600 rpm	pcs	1	-+-	+	
5026 5027	104_UA32359108_0007 104_UA32359108_0008	Equipment Equipment				Electric motor MA-36-125 / 740 RV-2MU2 reverser		pcs 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 104_UA32359108_0012	Equipment Equipment				Contactor kV-2M-6-160-1.5U2 The pump unit of TsNS 300x600 complete with the VAO-2 800kvth1500ob.v. electric motor, 3frames, KRUV-6 starting equipment		pcs set	2			
5032	104_UA32359108_0013	Equipment				The CNS pump unit 105x98 complete with the 2B25052 electric motor of 75 kW of 3000 rpm, with a frame		pcs	2			

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5033	104_UA32359108_0014	Equipment			The TsNS300x480 pump unit complete with the		set	1	
3033	104_0A02000100_0014	Equipment			VAO-2 630kvt electric motor of 1500 rpm		301	-	
5034	104_UA32359108_0015	Equipment			Pump unit TsNS60x99 complete with electric		set	1	
		-			motor 37 kW 3000 kW Drainage pipe (L-12m, n-67pcs) complete with		number		
5035	104_UA32359108_0016	Equipment			bolted connection	Ø219mm	(m)	1 (800)	
5036	104_UA32359108_0017	Equipment			Pipeline (L = 12m, n-132 pcs,) complete with	Ø219mm	number	1 (1584)	
5036	104_UA32359106_0017	Equipment			bolted connection	Ø21911III	(m)	1 (1564)	
5037	104_UA32359108_0018	Equipment			Pipeline (L = 8m, n-94 pcs) complete with bolted	Ø150mm	number	1 (1800)	
5038	104 UA32359108 0019	Equipment			connection Lifting machine C - 1.2 x 1	·	(m)	1	
5039	104_UA32359108_0020	Equipment		+	Oil filter 71121111-48020		pcs	8	
5039	104_UA32359108_0020	Equipment			Compressor oil separator		pcs	4	
5041	104_UA32359108_0022	Equipment			Electric motor AKN-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)	
_				1				_	
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		1	Diesel fuel		1	2000	\perp
5053	104_UA32359108_0034	Equipment		1	A92 petrol		1	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		i	500	
5058	104_UA32359108_0039	Equipment			VZh-46 ink		1	300	
5059	104_UA32359108_0040	Equipment			IGP38 ink		1	100	
5060	104_UA32359108_0041	Equipment			IGP72 ink		1	100	
5061	104_UA32359108_0042	Equipment			TAD17 ink		!	500	
5062	104_UA32359108_0043	Equipment			M10G2K ink			200	
5063 5064	104_UA32359108_0044 104_UA32359108_0045	Equipment			Shahtol ink Litol ink		l ka	200	
5065	104_UA32359108_0045	Equipment Equipment			Solidol oil		kg kg	300 150	
					Diesel generator 300 kW, three phases, 380-				
5066	104_UA32359108_0047	Equipment	Electrical Civil protection equipment	Backup power plants	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 Equipment			Autonomous diesel heater Cable	Power 50 kW Copper, 4x25mm, vinyl	pcs m.p.	1000	
5069 5070	104_UA32359108_0050 104_UA32359108_0051	Equipment Equipment Equipment			Autonomous diesel heater Cable Extinguisher	Power 50 kW Copper, 4x25mm, vinyl Foamy	pcs m.p. pcs	1000 100	
5069 5070 5071	104_UA32359108_0050 104_UA32359108_0051 104_UA32359108_0052	Equipment Equipment Equipment Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder	pcs m.p. pcs pcs	1000 100 300	
5069 5070	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053	Equipment Equipment Equipment Equipment Equipment Equipment			Autonomous diesel heater Cable Extinguisher	Power 50 kW Copper, 4x25mm, vinyl Foamy	pcs m.p. pcs pcs pcs	1000 100	
5069 5070 5071 5072 5073	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0054	Equipment Equipment Equipment Equipment Equipment Equipment Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Self-rescuer mine insulating Respirator	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs pcs	1000 100 300 150 6	
5069 5070 5071 5072	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Self-rescuer mine insulating	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs pcs pcs pcs pcs	1000 100 300 150	
5069 5070 5071 5072 5073 5074 5075 5076	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0054 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056	Equipment Equipment Equipment Equipment Equipment Equipment Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs pcs pcs pcs	1000 100 300 150 6 300	
5069 5070 5071 5072 5073 5074 5075 5076 5077	104 UA32359108 0050 104 UA32339108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0058 104 UA32359108 0058	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fir bose 20-meter 966 mm Fire barrel Fire hydrant 950 mm Nut fire coupling 6M-70	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0058 104 UA32359108 0059	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estirescuer mine insulating Respirator First aid sit Fire hose 20-meter s 66 mm Fire barrel Fire hydrant s 50 mm Nut fire coupling GM-70 Bolt M16x120	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 20 300	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0059	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating Respirator First aid bit Fire hone 20-meter 9 66 mm Fire barrel Fire hydrant 9 50 mm Nut fire coupling 6M-70 Bott MISS.20 Diesel fuel	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 20 300 5000	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0058 104 UA32359108 0058 104 UA32359108 0050 104 UA32359108 0050 104 UA32359108 0050	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fire hoss 20-meters 4 66 mm Fire barel Fire barel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel AØ2 petrol	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 300 5000 5000	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081	104 UA32359108 0050 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0051	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter # 66 mm Fire barrel Fire hydrant # 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 20 300 5000 5000	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0050 104 UA32359108 0050 104 UA32359108 0050 104 UA32359108 0050 104 UA32359108 0050 104 UA32359108 0060	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fire hose 20-meter 9 66 mm Fire barrel Fire hydrant \$50 mm Nut fire coupling GM-70 Bolt M15x120 Diesel fuel A82 petrol Office computer Canon i-SENSYS MF3010 or similar MFP printer	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 300 5000 5000 10	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0057 104 UA32359108 0057 104 UA32359108 0058 104 UA32359108 0059 104 UA32359108 0060	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Self-rescuer mine insulating Respirator First ald kit Fire hose 20-meters 66 mm Fire barcel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bott M15x120 Diesel fuel A92 petrol Office computer Canon i-SENSYS M3000 or similar MFP printer Canon TM-200 plotter or similar	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs	1000 100 300 150 6 300 20 5 20 20 300 5000 5000 10	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5080 5081 5082 5083 5084 5085	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter # 66 mm Fire barrel Fire hydrant # 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer Canon i-SENSYS MF3010 or similar MFP printer Epson L15160 A3 or similar MFP printer Epson L15160 A3 or similar MFP printer	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-1K5 or similar	pcs m.p. pcs pcs	1000 100 300 150 6 300 20 5 20 20 20 300 5000 5000 10 2	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083 5084 5086 5086	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0051 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0063 104 UA32359108 0063 104 UA32359108 0063 104 UA32359108 0066	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating Respirator First alid kit Fire hose 20-meters 66 mm Fire barcel Fire barcel Fire bydrant 50 mm Nut fire coupling 6M-70 Both Milok 20 Diesel fuel A92 petrol Office computer Canon i-SRAYS' MF 2010 or similar MFP printer Canon TM-200 plotter or similar Epson 13:150 A3 or similar MFP printer Mine rack, diameter 10:18 mm, 1= 4 m	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IK5 or similar P-30EX	pcs m.p. pcs pcs	1000 1000 300 150 6 300 20 5 20 20 300 5000 5000 10 2	
5069 5070 5071 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5086	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0066	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer Canon i-SENSYS M*3010 or similar MFP printer Enon ITM-200 plotter or similar Epon L15150 A3 or similar MFP printer Mine rack, diameter 10-18 mm, 1 = 4 m Electrodes ANO-4	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs m.p. pcs pcs	1000 100 300 150 6 300 20 5 20 20 300 5000 5000 5000 10 2 1 2 2 1	
5069 5070 5071 5071 5072 5073 5076 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5086 5087	104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0057 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0050 104 UA32359108 0060 104 UA32359108 0066	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Self-rescuer mine insulating Respirator First aid kit Fire hose 20-meter 9 66 mm Fire barrel Fire hydrant \$50 mm Nut fire coupling GM-70 Both M16x120 Diesel fuel A92 petrol Office computer Canon 1-SENSYS MF3010 or similar MFP printer Canon 1-M-200 plotter or similar Epson 115160 A3 or similar MFP printer Mine rack, diameter 10-18 mm, I = 4 m Electrodes ANO-5 Electrodes ANO-5	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IK5 or similar P-30EX	pcs mp. pcs mp. pcs 1000 100 300 150 6 300 20 5 20 300 5000 10 2 1 2 2 20 10 10 1 1		
5069 5070 5071 5071 5072 5073 5075 5076 5077 5078 5079 5081 5082 5083 5084 5085 5086 5087 5087	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0057 104 UA32359108 0057 104 UA32359108 0058 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0066	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer Canon i-SENSYS M*3010 or similar MFP printer Enon ITM-200 plotter or similar Epon L15150 A3 or similar MFP printer Mine rack, diameter 10-18 mm, 1 = 4 m Electrodes ANO-4	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs m.p. pcs pcs	1000 100 300 150 6 300 20 5 20 20 300 5000 5000 5000 10 2 1 2 2 1	
5069 5070 5071 5071 5072 5073 5076 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5086 5087	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0065 104 UA32359108 0069	Equipment			Autonomous diesel heater Cable Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire house 20-meters 6 66 mm Fire house 20-meters 6 66 mm Fire house 20-meters 6 66 mm Nut fire coupling GM-70 Boit M156x120 Diesel fuel A92 petrol Office computer Canon i-SENSYS MF30110 or similar MFP printer Canon I-SENSYS mS1010 or similar MFP printer Mine rack, diameter 10-18 mm, 1 = 4 m Electrodes ANO-5 L=0010	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp, pcs	1000 1000 300 150 6 300 20 20 20 300 5000 5000 10 2 1 2 200 1 1 1	
5069 5070 5071 5071 5072 5073 5075 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5087 5088 5088 5088	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0062 104 UA32359108 0063 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0069 104 UA32359108 0069 104 UA32359108 0069 104 UA32359108 0069 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0070	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fire hose 20-metere 96 mm Fire barrel Fire hydrant s 50 mm Nut fire coupling GM-70 Bolt M15x120 Diesel fuel A92 petrol Office computer Canon 1-SENSYS MF3010 or similar MFP printer Canon 1-M-200 plotter or similar Epon L15x16x0 A3 or similar MFP printer Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-4 Electrodes ANO-5 I-40 link I6938 link	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs m,p. pcs	1000 1000 1000 150 6 300 20 5 20 20 300 5000 10 2 1 1 1 1 1	
5069 5070 5071 5071 5072 5073 5074 5075 5076 5077 5078 5080 5081 5082 5083 5084 5085 5086 5087 5086 5087 5088 5089 5089	104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0050 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0066 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0077 104 UA32359108 0077 104 UA32359108 0077	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First alid kit Fire hoss 20-meters 4 66 mm Fire barsel Fire hoss 20-meters 4 66 mm Fire barsel Fire hydrant # 50 mm Nut fire coupling GM-70 Bott M16x120 Diesel fuel A92 petrol Office computer Canon 1-SENSY SM 53010 or similar MFP printer Canon 1-SENSY SM 53010 or similar MFP printer Mine rack, diameter 10.15 mm, L = 4 m Electrodes ANO-5 H-40 ink IGP38 ink IGP72 ink	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp. pcs	1000 1000 1000 3000 150 6 3000 20 5 5 20 20 20 3000 50000 10 2 2 2 2 1 1 1 1 1 1 4 0,6	
5069 5070 5071 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5087 5088 5089 5089 5089 5089 5089 5089 5089	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0061 104 UA32359108 0062 104 UA32359108 0062 104 UA32359108 0061 104 UA32359108 0067 104 UA32359108 0071 104 UA32359108 0071 104 UA32359108 0077	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter a 66 mm Fire barrel Fire hydrant a 50 mm Nut fire coupling GM-70 Boit M16x120 Diesel fuel A92 petrol Office computer Canon I-SENSYS M*3010 or similar MFP printer Canon TM-200 plotter or similar Epoon L15160 A3 or similar MFP printer Mine rack, diameter 10-18 mm, 1 = 4 m Electrodes ANO-5 I-40 ink IGP2 ink IGP2 ink ITAD17 ink M10G2K ink Shahtol ink	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp, pcs	1000 100 100 300 150 6 300 20 20 5 20 20 20 10 10 2 11 1 1 1 1 4 0,66 700	
5069 5070 5071 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083 5085 5086 5085 5086 5087 5089 5089 5090 5091 5092 5093	104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0077	Equipment			Autonomous diseal heater Cable Extinguisher Extinguisher Self-rescuer mine insulating Respirator First alid kit Fire hose 20-meters 66 mm Fire barrel Fire boxe 20-meters 66 mm Fire boxe 20-meters 66 mm Nut fire coupling GM-70 Both M16x120 Diseal fuel A92 petrol Office computer Canon i-SENYS MF3010 or similar MFP printer Canon TM-200 plotter or similar Epson 135160 A3 or similar MFP printer Mine rack, diameter 10.18 mm, t = 4 m Electrodes ANO-5 I-40 link IGP38 ink IGP32 link IGP38 ink IGP32 link IGP38 ink IGP38	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp.p pcs pcs pcs pcs pcs pcs pcs pcs pcs pc	1000 100 100 300 150 6 300 20 5 5 20 20 20 20 10 10 2 1 1 1 1 1 1 1 1 0,6	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5087 5089 5090 5090 5090 5090 5090 5090 5090	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0062 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0067 104 UA32359108 0071 104 UA32359108 0071 104 UA32359108 0077	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter s 66 mm Fire hose 20-meter s 66 mm Fire hose 20-meter s 65 mm Nut fire coupling GM-70 Bolt MISAL20 Diesel fuel A92 petrol Office computer Canon i-SENSYS MF3010 or similar MFP printer Canon i-SENSYS MF3010 or similar MFP printer Mine rack, diameter 10-18 mm, t = 4 m Electrodes ANO-5 I-40 ink IGP32 ink IGP32 ink IGP72 ink IADIO 17 ink IGP72 ink IADIO 18 ink IIII INK III INK IIII INK III INK IIII INK III INK	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp, pcs	1000 1000 1000 300 1500 6 300 20 20 20 20 300 5000 10 2 1 1 1 1 1 4 6 0,6 700 100	
5069 5070 5071 5072 5073 5074 5075 5076 5076 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5086 5089 5089 5099 5099 5099 5099 5099 5099	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0077 104 UA32359108 0077 104 UA32359108 0077 104 UA32359108 0077 105 UA32359108 0077 106 UA32359108 0077 107 UA32359108 0077 108 UA32359108 0077 109 UA32359108 0077	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid kit Fire hose 20-meter # 66 mm Fire barrel Fire hydrant # 50 mm Nut fire coupling SM-70 Bolt MISA220 Diesel fuel A##	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp.p pcs pcs pcs pcs pcs pcs pcs pcs pcs pc	1000 1000 1000 3000 1500 6 3000 20 5 20 300 5000 10 2 2 20 11 1 1 1 1 1 4 4 0,6 700 100 100 1,2	
5069 5070 5071 5072 5073 5074 5075 5076 5077 5078 5080 5081 5082 5083 5084 5085 5086 5087 5089 5089 5099 5099 5099 5099 5099 5099	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0062 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0071 104 UA32359108 0071 104 UA32359108 0071 105 UA32359108 0071 106 UA32359108 0077 107 UA32359108 0077 108 UA32359108 0077 109 UA32359108 0077	Equipment			Autonomous diesel heater Cable Estinguisher Estinguisher Self-rescuer mine insulating Respirator First alid kit Fire hoss 20-meters 66 mm Fire hoss 20-meters 66 mm Fire hoss 20-meters 66 mm Nut fire coupling GM-70 Boit M156x120 Diesel fluel A92 petrol Office computer Canon I-SENSYS MF3010 or similar MFP printer Land Interval MFP printer Mine rack, diameter 10-18 mm, L = 4 m Bectrodes ANO-5 I=40 ink IGP32 ink IA017 ink M10G2K ink Shahtol ink Ltol ink Solidol oil T1500 ink The lamp is mine main accumulator	Power 50 kW Copper, 4x25mm, vinyl Foarny Powder SHSS-IKS or similar P-30EX Diameter 5 mm	pcs mp, pcs	1000 1000 1000 300 1500 6 300 20 20 20 20 300 5000 10 2 1 1 1 1 1 4 6 0,6 700 100	
5069 5070 5071 5072 5073 5074 5075 5076 5076 5076 5077 5082 5083 5084 5085 5084 5085 5086 5087 5088 5089 5099 5090 5091 5092 5093	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0070 105 UA32359108 0070 106 UA32359108 0070 107 UA32359108 0070 108 UA32359108 0071 109 UA32359108 0076 109 UA32359108 0077	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer Canon ISENSYS MF3010 or similar MFP printer Canon TM-200 plotet or similar Epson L15160 A3 or similar MFP printer Mine rack, diameter 10-18 mm, 1= 4 m Electrodes ANO-5 I-40 ink IGP38 ink IGP32 ink IGP32 ink M10g2K ink Sahatol ink Ltol ink Sahatol ink Ltol ink Solidol oil T1500 ink The lamp is mine main accumulator Rem. pump sets:	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp.p pcs pcs pcs pcs pcs pcs pcs pcs pcs pc	1000 100 100 100 300 150 6 300 5 6 300 20 20 20 300 10 10 20 10 10 10 11 1 1 1 1 4 0,6 700 100 100 1,2 300	
5069 5070 5071 5072 5073 5074 5075 5076 5076 5077 5080 5081 5082 5083 5084 5085 5086 5087 5088 5089 5099 5099 5099 5099 5099	104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0050 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0077	Equipment			Autonomous disest heater Cable Estinguisher Estinguisher Self-rescuer mine insulating Respirator First ald kit Fire hoss 20-meters 466 mm Fire barcel Fire barcel Fire barcel Fire hydrant # 50 mm Nut fire coupling GM-70 Bott M15x120 Disest fivel A92 petrol Office computer Canon 1-SENSYS MF-3010 or similar MFP printer Canon 1-SENSYS MF-3010 or similar MFP printer Canon MF-300 pioter or similar Epson 13:150 A3 or similar MFP printer Mine rack, diameter 10.13 mm, L = 4 m Electrodes ANO-5 I-40 ink IGP38 ink IGP72 ink TAD17 ink M10G2K ink Shahtol ink Litol ink Solidol oil T1500 ink	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp. pcs mp. pcs 1000 100 100 100 300 150 6 300 6 300 5 20 20 20 300 5 5000 11 1 1 1 1 1 1 1 4 0,6 700 100 100 100 102 300		
5069 5070 5077 5077 5077 5078 5076 5076 5076 5076 5078 5080 5081 5082 5083 5084 5085 5086 5087 5089 5099 5099 5090 5090 5090 5090 5090	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0065 104 UA32359108 0065 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0077 104 UA32359108 0078 104 UA32359108 0079 104 UA32359108 0079	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bolt M16x120 Diesel fuel A92 petrol Office computer Canon ISENSYS MF3010 or similar MFP printer Canon TM-200 plotet or similar Epson L15160 A3 or similar MFP printer Mine rack, diameter 10-18 mm, 1= 4 m Electrodes ANO-5 I-40 ink IGP38 ink IGP32 ink IGP32 ink M10g2K ink Sahatol ink Ltol ink Sahatol ink Ltol ink Solidol oil T1500 ink The lamp is mine main accumulator Rem. pump sets:	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp. pcs 1000 100 100 100 300 150 6 300 5 6 300 20 20 20 300 10 10 20 10 10 10 11 1 1 1 1 4 0,6 700 100 100 1,2 300		
5069 5070 5071 5072 5073 5074 5075 5076 5076 5077 5078 5080 5081 5082 5083 5084 5085 5086 5087 5089 5090 5091 5092 5093 5094 5096 5097 5098 5099 5099 5099 5090 5099	104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0057 104 UA32359108 0059 104 UA32359108 0059 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0061 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0077 105 UA32359108 0077 106 UA32359108 0077 107 UA32359108 0077 108 UA32359108 0077 109 UA32359108 0079 109 UA32359108 0079 109 UA32359108 0080 109 UA32359108 0080 109 UA32359108 0080	Equipment			Autonomous diseal heater Cable Estinguisher Estinguisher Self-rectour mine insulating Respirator First ald kit Fire hose 20-meters 66 mm Fire barcel Fire barcel Fire bydrant s50 mm Nut fire coupling GM-70 Bott M15x120 Diseal fuel A92 petrol Office computer Canon i-SENS'S M73010 or similar MFP printer CANON i-SENS'S M73010 or similar	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp. pcs mp. pcs 1000 100 100 100 300 150 6 300 6 300 5 20 20 20 20 300 11 1 1 1 1 1 1 1 1 4 0,6 700 100 100 100 11 4 5 5		
5069 5070 5077 5077 5077 5078 5076 5076 5076 5076 5078 5080 5081 5082 5083 5084 5085 5086 5087 5089 5099 5099 5090 5090 5090 5090 5090	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0060 104 UA32359108 0061 104 UA32359108 0065 104 UA32359108 0065 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0077 104 UA32359108 0078 104 UA32359108 0079 104 UA32359108 0079 104 UA32359108 0079	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter ø 66 mm Fire barrel Fire hydrant ø 50 mm Nut fire coupling GM-70 Bott M16x120 Diesel fuel A92 petrol Office computer Canon IS-ENSYS M*3010 or similar MFP printer Canon IS-ENSYS M*3010 or similar MFP printer Mine rack, diameter 10-18 mm, 1 = 4 m Electrodes ANO-5 1-40 ink IGP3 sink IGP3 sink IGP72 ink TAD17 ink M10G2K ink Sabatol ink Litol ink Solidol oil T1500 ink The lamp is mine main accumulator Rem, pump sets: CNS 60x250 with a shaft CNS 180x128 with a shaft CNS 180x28 with a shaft	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs	1000 100 100 100 100 100 100 100 100 10	
5069 5070 5071 5072 5073 5073 5074 5075 5076 5076 5077 5078 5080 5081 5082 5083 5084 5085 5086 5087 5089 5090 5090 5090 5090 5090 5090 5090	104 UA32359108 0051 104 UA32359108 0051 104 UA32359108 0052 104 UA32359108 0053 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0055 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0056 104 UA32359108 0059 104 UA32359108 0061 104 UA32359108 0062 104 UA32359108 0062 104 UA32359108 0066 104 UA32359108 0066 104 UA32359108 0067 104 UA32359108 0067 104 UA32359108 0070 104 UA32359108 0070 104 UA32359108 0071 104 UA32359108 0077 104 UA32359108 0077 105 UA32359108 0077 106 UA32359108 0077 107 UA32359108 0077 108 UA32359108 0077 109 UA32359108 0078 109 UA32359108 0080 109 UA32359108 0080 109 UA32359108 0080	Equipment			Autonomous diesel heater Cable Extinguisher Estinguisher Self-rescuer mine insulating Respirator First aid sit Fire hose 20-meter s 66 mm Fire hose 20-meter s 66 mm Fire hose 20-meter s 65 mm Nut fire coupling GM-70 Bolt MI.Sct.20 Diesel fuel A92 petrol Office computer Canon i-SENSYS M*3010 or similar MFP printer Canon i-SENSYS M*3010 or similar MFP printer Canon i-SENSYS M*3010 or similar MFP printer Mine rack, diameter 10-18 mm, t = 4 m Electrodes ANO-5 I-40 ink IGP38 ink IGP38 ink IGP32 ink TAD17 rick M10G2K ink Shahtol ink Litol ink Shahtol ink Litol ink Solidol oil T1500 ink The lamp is mine main accumulator Rem. pump sets: CNS 500:250 with a shaft CNS 300:2480 with a shaft	Power 50 kW Copper, 4x25mm, vinyl Foamy Powder SHSS-IKS or similar P-30EX Diameter 5 mm Diameter 4 mm	pcs mp. pcs mp. pcs 1000 1001 3000 150 6 3000 20 5 20 20 20 20 5 5000 5000 1 1 1 1 1 1 1 4 5 5 1 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

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	
		Equipment				Couplings connecting Ø110 mm			pcs 15	
5114	104_UA32359108_0095									
5115	104_UA32359108_0096	Equipment				Connecting knee 90 ° Ø110 mm			pcs 2	
5116	104_UA32359108_0097	Equipment				Pump installations with electric motors:				
5117	104_UA32359108_0098	Equipment				CNS 60x250 with 2WP280 engine 132kW			pcs 3	
						1500rpm, or similar CNS 180x128 with VAO2 450 engine 250 250				
5118	104_UA32359108_0099	Equipment				kW 1500 rpm, or similar			pcs 5	
						CNS 300x480 with VAO2 engine 630kW				
5119	104_UA32359108_0100	Equipment				1500rpm, or similar			pcs 3	
5400	404 11400050400 0404	F				CNS 300x240 with the BAO2 engine 400 kW				
5120	104_UA32359108_0101	Equipment				1500 rpm, or similar			pcs 2	
5121	104_UA32359108_0102	Equipment				Pump NSh-250 with el. engine EDKOF 55 kW			pcs 2	
						1500 rpm				
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 УкВШ 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		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	
						SIP cable.4 4x95				
5137	104_UA32359108_0118 104_UA32359108_0119	Equipment							m 500	
5138		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					Bearings	320		from 4	
5149	104_UA32359108_0130	Equipment Equipment				Bearings	2320		from 4	
5149	104_UA32359108_0130					Bearings	322		from 4	
		Equipment								
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						8108		from 50	- -
		Equipment				Bearings				
5165	104_UA32359108_0146	Equipment				Bearings The pump unit of TsNS 300x600 complete with	314		from 1	
5166	104_UA32359108_0147	Equipment				the VAO-2 800kW electric motor, 1500 rpm,			from 3	
3100	104_0A32339100_0147	Equipment				6000B			110111 3	
5167	104_UA32359108_0148	Equipment				Electric motor VAO-2		800 kW, 1500 rpm, 6000V	pcs 2	
3107		Едарион							P00 2	- -
5168	104_UA32359108_0149	Equipment				CNS pump unit 180x297 complete with frame			from 2	
2.00		-4-5-1011				and electric motor VAO-2 250 kW, 1500 rpm				
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	
						Diesel generator 100 kW, three phases, 380-			F	
5173	104_UA32359108_0154	Equipment	Electrical	Civil protection equipment	Backup power plants				from 1	
	404 11400050100 015	Facility 1				220V, 50 Hz Main rope Ø50,5 GL-V-S-N-R-1770 GOST 7668-			 	
5174	104_UA32359108_0155	Equipment				80			m 900	
5175	104 11022250400 0450	Equipment				Brake rope Ø35,0 GL-V-S-N-R-1770 GOST 3077-			m 1500	
	104_UA32359108_0156	Equipment				88			***	
5176	104_UA32359108_0157	Equipment				Transformer ink		T-1500	l 1000	
5177	104_UA32359108_0158	Equipment				Apparatus for protection against leakage			pcs 5	
						current to the ground AZUR-1				
5178	104_UA32359108_0159	Equipment				Complete switchgear KRUV-6		Introductory	pcs 2	
5179	104 UA32359108 0160	Equipment				Complete switchgear KRUV-6		Deferent	pcs 4	
3173										

						+		1				
5180	104_UA32359108_0161	Equipment				Lacquer fabric			m	300		
5181	104_UA32359108_0162	Equipment				Cable mastic			kg	1000	-+	
5182	104_UA32359108_0163	Equipment				EDKOF electric motor		55kW, 1500 rpm	pcs	3	-+	
5183	104_UA32359108_0164	Equipment				Cable ВвЕБбШв		3x95, 6kV	m	1000	-+	
5184	104_UA32359108_0165	Equipment				Electric locomotive 4.5 ARP complete with two batteries PZS630 on a track of 900 mm			from	1		
5185	104 UA32359108 0166	F	Flectrical	01-11	De des estados	Diesel generator 60 kW		three phases, 380-220V, 50 Hz		3		
		Equipment	Electrical	Civil protection equipment	Backup power plants				pcs	-	-+	
5186 5187	104_UA32359108_0167	Equipment				Mobile diesel compressor Autonomous diesel heater		5m3 per minute, 7 Atm Power 25 kW	pcs	2		
5187	104_UA32359108_0168 104_UA32359108_0169	Equipment							pcs	_	-+	
5188	104_UA32359108_0169 104_UA32359108_0170	Equipment				Cable Extinguisher		Copper, 4x25mm, vinyl Foamv	m.p.	300 60	-+	
0.00		Equipment						Powder	pcs		-+	
5190 5191	104_UA32359108_0171	Equipment				Extinguisher Self-rescuer mine insulating		SHSS-1KS or similar	pcs	60 315	-+	
5191	104_UA32359108_0172 104_UA32359108_0173	Equipment Equipment				Respirator		P-30EX	pcs	5	-+	
						The filtering element TFM EF 92-24-P2 (or		P-SUEX			-+	
5193	104_UA32359108_0174	Equipment				similar) for the dust respirator			pcs	1600		
5194	104 UA32359108 0175	Equipment				First aid kit			pcs	100		
										1000		
5195	104_UA32359108_0176	Equipment				Diesel fuel			1	(single		
0.00	101_07102000100_0110	Equipmont								delivery		
										500I) 500	-	
										(single		
5196	104_UA32359108_0177	Equipment				A92 petrol			1	delivery		
										2501)		
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			- 1	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 1B20			pcs	3		
5213	104_UA32359108_0194	Equipment				Compressor УкВШ 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 4x95			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 5226	104_UA32359108_0206 104_UA32359108_0207	Equipment				Rope f 22.0 GL-V-N-R-1770 GOST 2688-80			m	1800		
		Equipment				PVI-125 starter			from		-+	
5227 5228	104_UA32359108_0208	Equipment				PVI-250 starter Conveyor belt SHR 800/1000		for the compressor SHR 800/1000	from	600	-+	
	104_UA32359108_0209	Equipment							m	2	-+	
5229	104_UA32359108_0210	Equipment				Engine		EDCOF 55 kW / 1500 rpm	from		-	
5230 5231	104_UA32359108_0211 095_UA33426253_0001	Equipment	Electrical	Civil protection assistment	Packup person plants	Fire hose Diesel generator 30 kW		ф65мм three phases, 380-220V, 50 Hz	from	30 5	-+	
5231	095_UA33426253_0001	Equipment	Electrical Flectrical	Civil protection equipment	Backup power plants			three phases, 380-220V, 50 Hz three phases, 380-220V, 50 Hz	pcs	7	-+	-+-+
5232	095_UA33426253_0002	Equipment Equipment	Electrical	Civil protection equipment Civil protection equipment	Backup power plants Backup power plants	Diesel generator 60 kW Diesel generator 200 kW		three phases, 380-220V, 50 Hz three phases, 380-220V, 50 Hz (on the highway)	pcs	5	-+	
5233	095_UA33426253_0003 095_UA33426253_0004	Equipment	Electrical	Givii protection equipment	Backup power plants	Mobile diesel compressor		5m3 per minute. 7 Atm		4	-+	-+-+
5234	095_UA33426253_0004	Equipment	+	1		Autonomous diesel heater		Sm3 per minute, / Atm Power 50 kW	pcs	4	-+	-+-+
5235			+	1		Autonomous diesei neater Cable		Copper, 4x25mm, vinyl		1000	-+	
5237	095_UA33426253_0006 095_UA33426253_0007	Equipment Equipment	1			Extinguisher		Foamy	m.p.	300	-+	
5237	095_UA33426253_0007		1			Extinguisher		Powder		300	-+	
5238	095_UA33426253_0008	Equipment Equipment	+	1		Self-rescuer mine insulating		SHSS-1KS or similar	pcs	600	-+	
5239	095_UA33426253_0010		1			Respirator		5H33-1K3 0F SHIIIIdF		20	-+	
		Equipment	1	1		The filtering element TFM EF 92-24-P2 (or		r-SUEA	pcs		-+	
5241	095_UA33426253_0011	Equipment				similar) for the dust respirator			pcs	30000		
5242	095_UA33426253_0012	Equipment				First aid kit			pcs	1000		
										30,000		
										(single		
5243	095_UA33426253_0013	Equipment				Diesel fuel			1	delivery		
			1	1						15,000		
			1	1		+		1	+	liters)	-+	
		1								30001		
5244	095_UA33426253_0014	Equipment				A92 petrol			1	(single delivery		
			1	1						15 000I)		
-									+	,	-+	
5245	095_UA33426253_0015	Equipment	1	1		Mine rack		diameter 10-18 mm, L = 4 m	m3	500 per month		
5246	095 UA33426253 0016	Equipment	1			Electrodes ANO-4		Diameter 5 mm	tn	2	-+	
5247	095_UA33426253_0017	Equipment	1	1		Electrodes ANO-5		Diameter 4 mm	tn	2	-+	
5248	095_UA33426253_0018	Equipment	1			I-40 ink			tn	4	-+	
-2.0	02.00_00.70		I.	I.				1				

5249		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			2			_
5254	095_UA33426253_0024	Equipment	Litol ink		kg	1			-
5255	095 UA33426253 0025	Equipment	Solidol oil		kg	1			-
5256	095_UA33426253_0026	Equipment	TISOO ink		tn	6		+	-
		Equipment	Concentrate for preparation of working liquid				\longrightarrow		
5257	095_UA33426253_0027	Equipment	for mechanical complexes	Curtoll or Solcenik PL plus	tn	20			
5258	095_UA33426253_0028	Equipment	Connecting link ZS 26		pcs	100	-+-+	-+	
5259	095_UA33426253_0026		CUITECTUS INIC 25 20 Hydraulic distributor RSD 005			100	\longrightarrow		
		Equipment			pcs				
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			Rem. pump sets CNS 180x297 with shaft Rem. pump sets CNS 180x297 with shaft				\longrightarrow		
	095_UA33426253_0038	Equipment	1 Pr Prov		pcs	5			
5269	095_UA33426253_0039	Equipment	Rem. pump sets CNS 300x300 with a shaft		pcs	5			
5270	095_UA33426253_0040	Equipment	Pump 1B20		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	Ouick-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			
			CNS 180x297 with BAO2 450 engine 250 250 kW 1500 rpm, or		-		-+	-+	-
5277	095_UA33426253_0047	Equipment	Pump installations with electric motors similar		pcs	2			
5070	005 11400400050 6010	Foodsman	CNC 200-200				-	-	-
5278	095_UA33426253_0048	Equipment	Pump installations with electric motors CNS 300X300 With engine VNO2 430 400KW 1300rpm, or similar		pcs	1			
5279	095_UA33426253_0049	Equipment	Rope f 25.5 GL-V-N-R-1860 GOST 3077-80		m	1500			\neg
5280	095_UA33426253_0050	Equipment	Rope f 33.5 GL-V-N-R-1770 GOST 7668-80		m	700			-
5281	095_UA33426253_0051		Rone f 15 0 GL-V-N-R-1770 GOST 2688-80		m	500	-+-+	-+	-
	095_UA33426253_0052	Equipment	Grid-iron type A			300	\longrightarrow		
5282	095_UA33426253_0052	Equipment			pcs	300			
5283	095_UA33426253_0053	Equipment	Grid-type type B		pcs				
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			
			Rope Ø 42.0mm GL-V-N-R-1770 GOST 7667-80						-
5288	095_UA33426253_0058	Equipment	(L = 450m * 2 units)		m	900			
E200	005 11422426252 0050	Fauinment	Rope Ø 22,0 mm GL-V-N-R-1770 GOST3077-80			2200			
5289	095_UA33426253_0059	Equipment	(L = 2200 m)		m	2200			
5290	095 UA33426253 0060	Equipment	Compressor УкВШ 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		+	
							\longrightarrow		
5294	095_UA33426253_0064	Equipment	Repair kit for CNS pumps 60 * 175		to-t	2	\longrightarrow	+	=
5295	095_UA33426253_0065	Equipment	CNS pump set 180 * 425, or similar		from	1			
5296	095_UA33426253_0066	Equipment	Electric motor VAO-4-560S4	500 kW / 1500 rpm	from	2			
5297	095_UA33426253_0067	Equipment	The pump TsNSSh300-570 with the electric		from	1			
0201	000_07100120200_0007	Equipmont	motor 6000B						
5298	095_UA33426253_0068	Equipment	The pump TsNSSh300-240 with the electric		from	1			
1			motor	0001:				+	\rightarrow
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 66 "	30 atm	from	6	-	-	_
5307	095_UA33426253_0077	Equipment	Latch 64 "	30 atm	from	6	-	-	\neg
5308	095_UA33426253_0077		RV-100 roller support	23 01.01	from	300	-+	-+	-
		Equipment						+	\dashv
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 4x95		m	500			7
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 UHCIII300-570		from	1	-	-	
5316	095_UA33426253_0086	Equipment	Repair kits for pumps CNS300-240		from	1	-	-	-
5317	095 UA33426253 0087	Equipment	Repair kits for pumps UHCU3300-120		from	1	-	+	-
						1		+	-
5318	095_UA33426253_0088	Equipment			from		\longrightarrow	+	-
5319	095_UA33426253_0089	Equipment	Rope Ø 30,5mm GL-V-N-R-1770 GOST 3077-80		m	1000			
\vdash			(L = 1000m) Rope Ø 25,5mm GL-V-N-R-1770 GOST 3077-80		_			+	
5320	095_UA33426253_0090	Equipment	(L = 1000m)		m	1000			
h			(= 1000m) Rope Ø 25,5mm GL-V-N-1770 GOST 3077-80				-	-	
5321	095_UA33426253_0091	Equipment	(L = 1000m)		m	1000			
5322	095_UA33426253_0092	Equipment	Bearings 309		from	4	-	-	=
5323	095_UA33426253_0093	Equipment	Bearings 310		from	4	-	-	-
						4	-+	-+	-
							-	+	-
5324 5325	095_UA33426253_0094 095_UA33426253_0095	Equipment Equipment	Bearings 311 Bearings 312		from from	4			Ξ

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					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_0119	Equipment		1	CNS-180/212 pump	Productivity - 300 m3 / hour.	from	4	 	
5350	091_UA34032208_0121			+	CNS-180/212 pump Pump ECV 5-6,5-120	Productivity - 180 m3 / nour. Productivity - 6,5 m3 / hour.	from	2		
		Equipment		-						
5352	091_UA34032208_0122	Equipment			Electric motor SDV-15-64-10 drive VGP VTs-32	1250 kW, 600 rpm	from	2		
E250	004 11424020000 0400	F		1	Electric motor VAO-2 630 kW., 1500 rpm. CNS		6	1 -		
5353	091_UA34032208_0123	Equipment			pump drive 300/480	630 kW, 1500 rpm	from	2		
5354	091_UA34032208_0124	Equipment			Electric clutch sliding VSP.01.03.000 cleaning		from	4		
					combine UKD-200/250					
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		
					The rope is the main unicellular lift of the cage	Ø33.0. TU-14-4-1444-87		2000		
5359	091_UA34032208_0129	Equipment			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		
3300	091_0A34032208_0130	Equipment			The tope is the main breed rise of the skip shart	Ø33.0, 10-14-4-1444-67	111.	2200		
5361	091_UA34032208_0131	Equipment			Brake rope single-cage lifting ventilation shaft	Ø35.0. DSTU 3077-80	m.	1500		
0001	001_07101002200_0101	Equipment				passa, 2010 2011 20				
5362	091_UA34032208_0132	Equipment			Balancing rope single-cage lift of the cage trunk	Ø45.5, DSTU 3088-80	m.	2200		
E262	091_UA34032208_0133	Faurinment			Rope balancing rope lifting skip barrel	Ø45 5 DSTU 3088-80		2000		
5363	091_UA34032208_0133	Equipment			The rope is the main underground lift	Ø25.5, DSTU 3077-80	m.	1600		
5364		Equipment								
							m.			
5365	091_UA34032208_0135	Equipment			The rope is the main underground lift	Ø16.5, DSTU 3077-80	m.	2000		
5365 5366	091_UA34032208_0135 091_UA34032208_0136	Equipment Equipment			The rope is the main underground lift Underground transportation rope		m. m.	2000 10000		
5365 5366 5367	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001	Equipment Equipment Equipment			The rope is the main underground lift Underground transportation rope Connecting links	Ø16.5, DSTU 3077-80	m. m. pcs	2000 10000 5000		
5365 5366	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001 105_UA00178353_0002	Equipment Equipment Equipment Equipment			The rope is the main underground lift Underground transportation rope Connecting links Duble circuit track 24466	Ø16.5, DSTU 3077-80	m. m.	2000 10000 5000 10000		
5365 5366 5367	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001	Equipment Equipment Equipment			The rope is the main underground lift Underground transportation rope Connecting links	Ø16.5, DSTU 3077-80	m. m. pcs	2000 10000 5000		
5365 5366 5367 5368 5369	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001 105_UA00178353_0002 105_UA00178353_0003	Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Chill exetestion equipment	Packun pouer plante	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 26x86 Round link chain 26x92	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80	m. m. pcs m	2000 10000 5000 10000 6000		
5365 5366 5367 5368	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001 105_UA00178353_0002	Equipment Equipment Equipment Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Duble circuit track 24466	Ø16.5, DSTU 3077-80	m. m. pcs m	2000 10000 5000 10000		
5365 5366 5367 5368 5369 5370	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001 105_UA00178353_0002 105_UA00178353_0003 097_UA43895975_0001	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24:85 Round link chain 26:92 Matari MC200S diesel generator	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW	m. m. pcs m m	2000 10000 5000 10000 6000		
5365 5366 5367 5368 5369	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0003 097_UA43895975_0001	Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x82 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80	m. m. pcs m	2000 10000 5000 10000 6000		
5365 5366 5367 5368 5369 5370	091_UA34032208_0135 091_UA34032208_0136 105_UA00178353_0001 105_UA00178353_0002 105_UA00178353_0003 097_UA43895975_0001	Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24:85 Round link chain 26:92 Matari MC200S diesel generator	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW	m. m. pcs m m	2000 10000 5000 10000 6000		
5365 5366 5367 5368 5369 5370 5371	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0003 097_UA43895975_0001 097_UA43895975_0002 097_UA43895975_0003	Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track ANA6 Round link chain 26x82 Matari MC200S diesel generator Kaeser M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with the crane - the manipulator and a	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW	m. m. pcs m m pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2		
5365 5366 5367 5368 5369 5370 5371 5372 5373	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0002 097_UA43895975_0003 097_UA43895975_0004	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons The car with the crane - the manipulator and a basket to 5 tons	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Under three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm.	m. m. pcs m pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 2		
5365 5366 5367 5368 5369 5370 5371 5372 5373	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0003 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0004	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x82 Matari MC200S diesel generator Kaseer M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Universe phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm.	m. m. pcs m pcs pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 2 1		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375	091 UA34032208 0135 091 UA34032208 0136 015 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0000 097_UA43895975_0001 097_UA43895975_0002 097_UA43895975_0003 097_UA43895975_0005 097_UA43895975_0005	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m m pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 2 1 300 300		
5365 5366 5367 5368 5369 5370 5371 5372 5373	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0003 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0004	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 25x82 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with the carne - the manipulator and a basket to 5 tons Extinguisher Extinguisher Estinguisher Self-rescuer mine insulating	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Universe phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm.	m. m. pcs m pcs pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 2 1		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376	091 UA34032208 0135 091 UA34032208 0136 105 UA00178363 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0000 097_UA43895975_0000 097_UA43895975_0000 097_UA43895975_0004 097_UA43895975_0005 097_UA43895975_0005 097_UA43895975_0005 097_UA43895975_0007	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari MC200S diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a baste to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF \$92-4-P2 (or	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m m pcs pcs pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 1 300 300 1000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 25x82 Matari MC2005 diesel generator Kaser MS0 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Entinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m pcs pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 6000 2 2 2 1 300 300 1000 60000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5377	091 UA34032208 0135 091 UA34032208 0136 091 UA34032208 0136 105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0008	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari MC200S diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basel to 5 tons Estinguisher Estinguisher Estinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m m pcs pcs pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 2 2 2 2 1 300 300 1000 60000 2000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 25x82 Matari MC2005 diesel generator Kaser MS0 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Entinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m pcs pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 2 2 2 2 1 300 300 1000 60000 2000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5377	091 UA34032208 0135 091 UA34032208 0136 091 UA34032208 0136 105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0008	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari MC200S diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basel to 5 tons Estinguisher Estinguisher Estinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder	m. m. pcs m pcs pcs pcs pcs pcs pcs pcs	2000 10000 5000 10000 2 2 2 2 1 300 300 1000 60000 2000		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0004 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0008 097_UA43895975_0001 097_UA43895975_0001 097_UA43895975_0001	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 25x82 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the carae - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The fiftering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Foamy Powder 1- PVM KS or similar	m. m. m. pcs m m pcs	2000 10000 5000 10000 2 2 2 1 300 300 10000 60000 2000 1000 500 per month		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5376 5377 5378 5379 5380	091 UA34032208 0135 091 UA34032208 0136 105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0009 097_UA43895975_000097 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkilft with a capacity of 3 tons. The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fiel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-4	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m m pcs	2000 10000 5000 10000 6000 2 2 1 300 300 1000 60000 2000 1000 500 per month 2		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5376 5377 5378 5379 5381	091 UA34032208 0135 091 UA34032208 0136 105 UA00178363 0001 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0004 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0008 097_UA43895975_0008 097_UA43895975_0008 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0012	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc200S diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid six Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 10000 10000 2 2 2 1 300 300 10000 60000 2 000 10000 500 per month 2 2 2		
5365 5366 5367 5367 5367 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5381 5382	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0004 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0007 097_UA43895975_0007 097_UA43895975_0007 097_UA43895975_0001 097_UA43895975_0010	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Felf-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First alle Mt Diesel Tust Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 link	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 10000 10000 2 2 2 1 300 300 1000 60000 2000 10000 500 per menth 2 2 1		
5365 5366 5367 5367 5367 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5383	091 UA34032208 0135 091 UA34032208 0136 105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0000 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a bastet to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 ink IGP38 ink	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 5000 10000 6000 2 2 1 300 300 10000 60000 2000 1000 500 per month 2 2 1 4		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5383 5384 5384	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0004 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0008 097_UA43895975_0009 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2Ax86 Round link chain 2x692 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Self-excuer mine insulating The fiftering element TRM EF 92-24-92 (or similar) for the dust registrator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 (6938 ink 16972 ink TAD17 ink	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 5000 10000 2 2 1 1 300 10000 60000 2 2 1 1 300 10000 2000 1000 2000 2000 1000 20		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5382 5384 5384 5385	091 UA34032208 0135 091 UA34032208 0136 105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0008 097_UA43895975_0008 097_UA43895975_0009 097_UA43895975_0009 097_UA43895975_0010	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First ald kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-4 Electrodes ANO-5 IGP38 ink IGP72 ink TADL7 link Littol ink	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 5000 10000 2 2 2 1 300 300 10000 60000 2000 10000 2000 10000 2000 1000 2000 1000 2000 1000 4 4 4 100		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5383 5384 5384	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0004 097_UA43895975_0004 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0008 097_UA43895975_0009 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2A:866 Round link chain 26:862 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with terane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The fiftering element TFM EF 92-24-92 (or similar) for the dust respirator First aid kit Dieself fuel Mine rack, dlameter 10-18 mm, L = 4 m Electrodes ANO-4 Electrodes ANO-5 IGP38 ink IGP72 ink TAD317 ink Littol ink Solidol oil	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 5000 10000 2 2 1 1 300 10000 60000 2 2 1 1 300 10000 2000 1000 2000 2000 1000 20		
5365 5366 5367 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5378 5380 5381 5382 5382 5384 5384 5385	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0003 097_UA43895975_0005 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0008 097_UA43895975_0008 097_UA43895975_0001 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkilft with a capacity of 3 tons. The car with the crane - the manipulator and a basket to 5 tons. Extinguisher Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fiel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 Electrodes ANO-6 Electrodes	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar	m. m. pcs m pcs	2000 10000 5000 10000 2 2 2 1 300 300 10000 60000 2000 10000 2000 10000 2000 1000 2000 1000 2000 1000 4 4 4 100		
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5365 5366 5367 5368 5367 5369 5370 5371 5372 5373 5375 5376 5377 5378 5379 5380 5381 5382 5383 5384 5385 5386 5387 5388	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0000 097_UA43895975_0000 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0008 097_UA43895975_0009 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0015 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0019 097_UA43895975_0019	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Estinguisher Self-essuer mine insulating The fiftering element TFM EF 92-24-92 (or similar) for the dust register First aid kit Diesel fuel Mine rack, diameter 30-18 mm, L = 4 m Electrodes ANO-5 IG938 ink IG972 ink TAD317 link Litol link Solidal oil Concentrate for preparation of working liquid for mechanical complexes CNS 180x425 with an electric motor of 400 kW	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 10000 10000 10000 2 2 2 1 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 100000 1000000 100000 1000000 1000000 1000000 10000000 100000000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5375 5376 5376 5377 5378 5379 5380 5381 5382 5384 5385 5386 5387 5386 5387	091 UA34032208 0135 091 UA34032208 0136 105 UA00178363 0001 105 UA00178363 0002 105 UA00178363 0002 105 UA00178363 0002 097 UA43895975 0003 097 UA43895975 0003 097 UA43895975 0006 097 UA43895975 0006 097 UA43895975 0006 097 UA43895975 0007 097 UA43895975 0007 097 UA43895975 0007 097 UA43895975 0001 097 UA43895975 0010	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 28x86 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the carae - the manipulator and a basket to 5 tons Estinguisher Estinguisher Estinguisher Estinguisher Self-rescoer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator Prist ald Mt Diesel fuel Mine rack, diameter 30-18 mm, L = 4 m Electrodes ANO-5 IGP38 link IGP37 link IGP37 link IAD37 link Litol ink Solidold oil Concentrate for preparation of working liquid for mechanical complexes	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 2 2 2 1 300 10000 2 2 1 300 10000 10000 2 2 1 1 300 1000 10		
5365 5366 5367 5368 5367 5369 5370 5371 5372 5373 5375 5375 5377 5378 5379 5380 5381 5382 5384 5385 5386 5387 5388	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0000 097_UA43895975_0000 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0007 097_UA43895975_0001 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0016 097_UA43895975_0017 097_UA43895975_0019 097_UA43895975_0019	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x86 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Estinguisher Self-essuer mine insulating The fiftering element TFM EF 92-24-92 (or similar) for the dust register First aid kit Diesel fuel Mine rack, diameter 30-18 mm, L = 4 m Electrodes ANO-5 IG938 ink IG972 ink TAD317 link Litol link Solidal oil Concentrate for preparation of working liquid for mechanical complexes CNS 180x425 with an electric motor of 400 kW	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 5000 10000 6000 2 2 1 300 300 60000 2000 10000 2000 10000 2000 1000 1		
5365 5366 5367 5368 5367 5368 5370 5371 5372 5373 5375 5376 5376 5377 5378 5379 5380 5381 5382 5383 5384 5385 5386 5387 5388 5388 5388 5388 5388 5388 5388	991 UA34032208 0135 9091 UA34032208 0136 105 UA00178363 0001 105 UA00178363 0002 105 UA00178363 0002 105 UA00178363 0002 105 UA00178363 0002 107 UA3895975 0003 107 UA43895975 0003 107 UA43895975 0006 107 UA43895975 0006 107 UA43895975 0007 107 UA43895975 0007 107 UA43895975 0007 107 UA43895975 0007 107 UA43895975 0010	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 28.66 Round link chain 26.92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Estinguisher Estinguisher Estinguisher Estinguisher Self-recouer mine insulating The filtering element TFM EF 92-24-92 (or similar) for the dust respirator First ald kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 link IGP32 link IGP32 link IAD17 link Litol link Soliddol oil Concentrate for preparation of working liquid for mechanical complexes CNS 180x257 with electric motor CNS 300x300 with an electric motor of 500 kW	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 2 2 1 3000 2 2 1 3000 10000 2 2 1 1 300 10000 10000 10000 10000 10000 1000		
5365 5366 5367 5368 5367 5368 5370 5371 5372 5373 5375 5376 5376 5377 5378 5379 5381 5382 5381 5382 5383 5384 5385 5387 5388 5387 5388 5389 5389	991 UA34032208 0135 991 UA34032208 0136 991 UA34032208 0136 991 UA34032208 0136 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 997 UA43895975 0002 997 UA43895975 0003 997 UA43895975 0006 997 UA43895975 0006 997 UA43895975 0007 997 UA43895975 0007 997 UA43895975 0001 997 UA43895975 0010 997 UA43895975 0010 997 UA43895975 0011 997 UA43895975 0011 997 UA43895975 0011 997 UA43895975 0015 997 UA43895975 0015 997 UA43895975 0016 997 UA43895975 0016 997 UA43895975 0016 997 UA43895975 0016 997 UA43895975 0017 997 UA43895975 0016 997 UA43895975 0017 997 UA43895975 0018 997 UA43895975 0019 997 UA43895975 0019	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2466 Round link chain 2692 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the cran - the manipulator and a basket to 5 tons. Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TTM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 ink IGP72 ink TAD17 ink Littol ink Solidol oil Concentrate for preparation of 400 kW CKS 180x257 with electric motor of 400 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 5000 10000 2 2 2 1 1 300 300 300 10000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5365 5366 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5376 5377 5378 5378 5379 5380 5381 5382 5383 5384 5385 5386 5388 5389 5389 5389	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0000 097_UA43895975_0000 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0009 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0019 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0020 097_UA43895975_0021 097_UA43895975_0022 097_UA43895975_0023	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2Ax86 Round link chain 2x692 Matari Mc2005 dissel generator Kasesr M50 mobile dissel compressor Electric forkiff with a capacity of 3 tons The car with teroare - the manipulator and a baselet to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Estinguisher Self-escuer mine insulating The fiftering element TRM EF 92-24-92 (or similar) for the dust registrator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 (GP38 ink IGP72 ink TAD17 ink Litol ink Solidol oil Concentrate for preparation of working liquid for mechanical complexes CKS 180x425 with an electric motor of 500 kW CKS 300x300 with an electric motor of 500 kW Pump 1820 Pump 1820 Pump 1820 Pump 1820	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 2 2 1 3000 2 2 1 3000 10000 2 2 1 1 300 10000 10000 10000 10000 10000 1000		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5376 5377 5378 5379 5381 5382 5381 5382 5383 5384 5385 5387 5387 5388 5387 5388 5389 5389	991 UA34932208 0135 9191 UA34032208 0136 910 UA34032208 0136 9105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 97_UA43895975_0001 997_UA43895975_0004 997_UA43895975 0006 997_UA43895975 0006 997_UA43895975 0007 997_UA43895975 0007 997_UA43895975 0010 997_UA43895975 0010 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0015 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0017 997_UA43895975 0016 997_UA43895975 0017 997_UA43895975 0016 997_UA43895975 0019 997_UA43895975 0019 997_UA43895975 0020 997_UA43895975 0022 997_UA43895975 0022 997_UA43895975 0022	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2466 Round link chain 2692 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the cran - the manipulator and a basket to 5 tons. Extinguisher Extinguisher Self-rescuer mine insulating The filtering element TTM EF 92-24-P2 (or similar) for the dust respirator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 ink IGP72 ink TAD17 ink Littol ink Solidol oil Concentrate for preparation of 400 kW CKS 180x257 with electric motor of 400 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW CKS 300x360 with an electric motor of 500 kW	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 10000 2 2 2 1 1 300 300 300 10000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5365 5366 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5376 5377 5378 5378 5379 5380 5381 5382 5383 5384 5385 5386 5388 5389 5389 5389	991 UA34932208 0135 9191 UA34032208 0136 910 UA34032208 0136 9105 UA00178383 0001 105 UA00178383 0002 105 UA00178383 0002 105 UA00178383 0002 97_UA43895975_0001 997_UA43895975_0004 997_UA43895975 0006 997_UA43895975 0006 997_UA43895975 0007 997_UA43895975 0007 997_UA43895975 0010 997_UA43895975 0010 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0011 997_UA43895975 0015 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0016 997_UA43895975 0017 997_UA43895975 0016 997_UA43895975 0017 997_UA43895975 0016 997_UA43895975 0019 997_UA43895975 0019 997_UA43895975 0020 997_UA43895975 0022 997_UA43895975 0022 997_UA43895975 0022	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2Ax86 Round link chain 2x692 Matari Mc2005 dissel generator Kasesr M50 mobile dissel compressor Electric forkiff with a capacity of 3 tons The car with teroare - the manipulator and a baselet to 5 tons Extinguisher Extinguisher Extinguisher Estinguisher Estinguisher Self-escuer mine insulating The fiftering element TRM EF 92-24-92 (or similar) for the dust registrator First aid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 (GP38 ink IGP72 ink TAD17 ink Litol ink Solidol oil Concentrate for preparation of working liquid for mechanical complexes CKS 180x425 with an electric motor of 500 kW CKS 300x300 with an electric motor of 500 kW Pump 1820 Pump 1820 Pump 1820 Pump 1820	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 4 mm	m. m. pcs m pcs	2000 5000 10000 2 2 1 1 300 300 10000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5381 5382 5383 5384 5385 5385 5387 5388 5389 5389 5389 5389	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 097_UA43895975_0001 097_UA43895975_0000 097_UA43895975_0000 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0006 097_UA43895975_0007 097_UA43895975_0009 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0011 097_UA43895975_0011 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0015 097_UA43895975_0019 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0010 097_UA43895975_0020 097_UA43895975_0021 097_UA43895975_0022 097_UA43895975_0023	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 28.66 Round link chain 26.92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Estinguisher Estinguisher Estinguisher Estinguisher Self-rescouer mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First alid kit Diesel fuel Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-5 IGP38 link IGP32 link IGP32 link ITAD17 link LITO link Soliddol oil Concentrate for preparation of 400 kW CNS 300x300 with an electric motor of 500 kW Pump 1820 SNN-00 pump	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 ### Three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. ### Foamy Powder 1- PVM KS or similar Diameter 5 mm Diameter 4 mm Solcenik GM20	m. m. pcs m pcs	2000 10000 2 2 2 1 1 300 300 300 300 10000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5383 5384 5385 5389 5389 5389 5390 5391 5392 5393	991 UA34932208 0135 9091 UA34032208 0136 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 105 UA00178353 0002 97 UA43895975 0001 997 UA43895975 0003 997 UA43895975 0006 997 UA43895975 0006 997 UA43895975 0006 997 UA43895975 0007 997 UA43895975 0006 997 UA43895975 0007 997 UA43895975 0001 997 UA43895975 0010 997 UA43895975 0020 997 UA438959975 0020 997 UA438959975 0020	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 2A:866 Round link chain 26:862 Matari MC2005 diesel generator Kaeser M50 mobile diesel compressor Electric forkiff with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Extinguisher Extinguisher Extinguisher Extinguisher Entinguisher Feltracuer mine insulating The fiftering element TFM EF 92-24-92 (or similar) for the dust region First aid kit Diesel fluid Mine rack, diameter 10-18 mm, L = 4 m Electrodes ANO-4 Electrodes ANO-4 Electrodes ANO-5 IGP32 link IGP32 link ILRO link Solidol oil Concentrate for preparation of working liquid for mechanical complexes CNS 180x425 with an electric motor of 500 kW CNS 300x360 with an electric motor of 500 kW Pump 1820 SNN-80 pump Cable	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 ### Three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. ### Foamy Powder 1- PVM KS or similar Diameter 5 mm Diameter 4 mm Solcenik GM20	m. m. pcs m pcs	2000 10000 5000 10000 5000 10000 5000 10000 5000 10000 5000 10000 5000 500 5		
5365 5366 5367 5368 5369 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382 5382 5383 5384 5385 5389 5389 5389 5389 5389 5389 5389	091 UA34032208 0135 091 UA34032208 0136 105 UA00178353 0002 107 UA3895975 0001 097_UA43895975 0003 097_UA43895975 0003 097_UA43895975 0006 097_UA43895975 0006 097_UA43895975 0006 097_UA43895975 0006 097_UA43895975 0007 097_UA43895975 0001 097_UA43895975 0010 097_UA43895975 0011 097_UA43895975 0011 097_UA43895975 0011 097_UA43895975 0011 097_UA43895975 0015 097_UA43895975 0015 097_UA43895975 0016 097_UA43895975 0017 097_UA43895975 0018 097_UA43895975 0019 097_UA43895975 0019 097_UA43895975 0019 097_UA43895975 0020 097_UA43895975 0020 097_UA43895975 0020 097_UA43895975 0021 097_UA43895975 0022	Equipment	Electrical Civil protection equipment	Backup power plants	The rope is the main underground lift Underground transportation rope Connecting links Double circuit track 24x66 Round link chain 26x92 Matari Mc2005 diesel generator Kaeser M50 mobile diesel compressor Electric forklift with a capacity of 3 tons The car with the crane - the manipulator and a basket to 5 tons Estringuisher Estringuisher Estringuisher Estringuisher Estringuisher Felt-rescue mine insulating The filtering element TFM EF 92-24-P2 (or similar) for the dust respirator First alid Mt Diesel Tune Biller and Biller St. Ambiller St. Amb	Ø16.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 Ø22.5, DSTU 3077-80 three-phase 380 V rated power 200 kW productivity of 5 cubic meters. / min max. pressure 7 atm. Foamy Powder 1- PVM KS or similar Diameter 5 mm Diameter 4 mm Solcenik GM20	m. m. pcs m pcs	2000 10000 2 2 2 1 1 1000 1000 10000 10000 2 2 2 1 100000 100000 100000 100000 100000 100000 100000 1000000 1000000 1000000		

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Secondary Seco	5399	097_UA43895975_0030	Equipment				RVL-100 roller support			from	3000			
Column	5400	097_UA43895975_0031	Equipment				Rope Ø 32.5 mm GL-V-Zn-N-R-1770 GOS1 3077- 80			m	2300			
10 10 10 10 10 10 10 10	5401	097 11843895975 0032	Equipment				Rope Ø 31,0mm GL-V-Zh-N-R-1960 GOST 3077-			m	1400			
	_						80				1400			
10 10 10 10 10 10 10 10	5402	097_UA43895975_0033	Equipment							m	3000			
No. Controller 5403	097_UA43895975_0034	Equipment							pcs	50			_	
Company Comp		097_UA43895975_0035												
Margin M														
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March Marc								3618		pcs	12			
March Marc			Equipment				Bearings							
10 10 10 10 10 10 10 10														
Section Property		097_UA43895975_0048												
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Section Sect												-	-+	-+
Secondary (1964 Secondary		097 UA43895975 0053										-	+	-
Column C							Electric motor VAO2-560-6 S4 500 kW, 1500		voltage - 6kV; power - 500 kW; speed of rotation - 1500 rpm;			-		-
Page	3423	UB1_UM43090915_UU54	Equipment						dimensions - 560 mm.	pcs	2			
Page	5424	097_UA43895975_0055	Equipment				Electric motor VAO2-315-6 L4 315 kW, 1500		voltage - 6kV; power - 500 kW; speed of rotation - 1500 rpm;	pcs	1			
Company Comp	_						The VAO2-250 M4 electric motor of 250 kW.		voltage - 660V; power - 250 kW; speed of rotation - 1500 rpm:		-	\rightarrow	-+	-+
Section Continue							1500 rpm.							
Marchan Marc		097_UA43895975_0057	Equipment		·		Cable VEVBbShv-6 3x35 + 1x10							
Seg														
Part							KGEShv cable 3x10 + 3x2,5 + 1x6		-thtime succest FOUL 220/200 V 01 and 2 above. The					
Section Sect	5429	097_UA43895975_0060	Equipment				Cummins Pover C700D5 diesel power plant			pcs	2			
Part Control Part 5/130	007 114/3805075 0061	Equipment				KDV-10-20 / 1000UHL2 arc extinguishing			nce	0				
Authors Auth	3430	097_0A43893973_0001	Equipment						voitage - okv	pcs	9			
Page	E424	007 114 43905075 0063	Fauinment				Pump unit CNS-180/255 with el. 250/1500 kW		OM2 / hours 190 Head (II) 255-					
An International Content An International Co	5431	097_UA43895975_0062	Equipment						QM3 / nour- 180 Head (H) -255m	pcs	1			
An International Content An International Co													-+	_
Proposition	5432	097 UA43895975 0063	Equipment						QM3 / hour- 180 Head (H) -127m	pcs	2			
Page							engine			'				
Page							Pump unit CNS-180/340 with el. 315/1500 kW							
Pump with Charles Pump	5433	097_UA43895975_0064	Equipment						QM3 / hour- 180 Head (H) -340m	pcs	1			
Page												\longrightarrow		
Part	5/3/	007 114/3805075 0065	Equipment				Pump unit CNS-180/127 with el. 110/1500 kW		OM3 / hours 180 Head (H) -127m	nce	1			
Page	0404	037_0743033373_0003	Equipment				engine		QN3 / 1001 200 1100 (1) 12711	pos	- 1			
Page							n							
Equipment Equi	5435	097_UA43895975_0066	Equipment						QM3 / hour- 180 Head (H) -255m	pcs	1			
Part							cigne							
Part	5400	007 114 40005075 0007	F				CNC 200/250		0142 (1					
Column C	5436	097_UA43895975_0067	Equipment				CNS-300/360 pump		QM3 / nour- 300 Head (H) -360m	pcs	1			
Column C												-		-
19 19 19 19 19 19 19 19	5437	097 UA43895975 0068	Equipment						QM3 / hour- 300 Head (H) -360m	pcs	1			
Section Part						engine								
Section Part														
Separation Sep	5438	097_UA43895975_0069	Equipment				CNS-850/360 pump		QM3 / hour- 850 Head (H) -360m	pcs	1			
Separation Sep	5420	007 11842905075 0070	Equipment				Latch for high procesure pipelia-	LATCH 21CANHW RV1EN BVAN		nec	4	\longrightarrow	+	
S441 097 UA43895975 0073 Equipment Electrical Civil protection equipment Backup power plants Equipment Electrical Civil protection equipment Backup power plants Equipment Electrical Civil protection equipment Backup power plants Equipment												-	-+	-+
Section Sect			Equipment				Pipe 6 m with quickly removable connection			pcs	100			
S442 097_UA43895975_0073 Equipment Electrical Civil protection equipment Backup power plants Matani Mc2005 diesal generator Matani Mc2005 diesal generator Civil protection equipment Backup power plants Backup power plants Matani Mc2005 diesal generator Civil protection equipment Backup power plants Civil protection equipment Backup power plants Matani Mc2005 diesal generator Civil protection equipment Backup power plants Matani Mc2005 diesal generator Civil protection equipment Civil prote		097_UA43895975_0072			-									
September Sept	5442	097_UA43895975_0073					Latch with quickly removable connection	LATCH 31С40НЖ ДУ200 РУ40			4	$-\mu$		
September Sept	5443	097_UA43895975 0074	Equipment	Electrical Civil protect	tion equipment	Backup power plants	Matari MC200S diesel generator		three-phase 380 V rated power 200 kW	pcs	3			
Explosion-proof industrial floodlight AN-INU06 Sequipment Sequip										-		\longrightarrow	+	
September Sept	5444	097_UA43895975_0075	Equipment				Kaeser M50 mobile diesel compressor		productivity of 5 cubic meters. / min max. pressure 7 atm.	pcs	2			
September Sept	E44E	007 11442905075 0070	Equipment				Explosion-proof industrial floodlight AN-IWL06-		Jamp power 400 W	n	10	-		
1940 1940	5445	091_UM43093915_UU/6	Equipment				6-400W		iamp power -400 w, voitage 220V	pcs	10			
S447 097_UA43895975_0078 Equipment	5446	097_UA43895975_0077	Equipment						lamp power -50 W, voltage 220V	pcs	6			
5448 097_UA43895975_0079 Equipment Electric fan heater VENTS AGE 24 Maximum air consumption 4000 m³ / h, voltage 380 V, power D kW pcs 8 9 5449 097_UA43895975_0080 Equipment Titanium heating installation of 60 kW voltage 380 V, power 60 kW pcs 10 m 4x 400m (1600m) m x 400m (1600m) x 400m (1600m) m x 400m (1600m) m x 400m (1600m)	5447										10	-+	-+	
1.25 kW 1.25									Maximum air consumption 4000 m3 / h, voltage 380 V, power			-	-	-1
5450 097_UA43895975_0081 Equipment ROPE SV 35 (D) DSTU 3077-80 m 4x 400m (1600m) m 5451 097_UA43895975_0082 Equipment ROPE OC 25.5 V (GL) DSTU 3077-80 m 1800m (10800m)									21-25 kW			-		
5451 097_UA43895975_0082 Equipment ROPE OC 25.5 V (GL) DSTU 3077-80 Im (1600m) STU 3077-80 Im (1800m) STU 3077-80 Im	5449	097_UA43895975_0080	Equipment				Titanium heating installation of 60 kW		voltage 380 V, power 60 kW	pcs	10			
5451 097_UA43895975_0082 Equipment ROPE OC 25.5 V (GL) DSTU 3077-80 Im (1600m) STU 3077-80 Im (1800m) STU 3077-80 Im											4x 400m			
5451 097_UA43895975_0082 Equipment	5450	097_UA43895975_0081	Equipment				ROPE SV 35 (D)		DSTU 3077-80	m				
9-9-1 09 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-											C.,			
9-9-1 09 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-											ьх 1800m			
5452 097_UA43895975_0083	5451	097_UA43895975_0082	Equipment				ROPE OC 25.5 V (GL)		DSTU 3077-80	m				
5452 US/ LIA38959/5_UUKS Equipment ROPE 16.5 DSTU 2688-80 m 400)			
	5452	U97_UA43895975_0083	Equipment				ROPE 16.5		DSTU 2688-80	m	400		$-\bot$	

Proceedings Procedings Proceedings Proceedings Proceedings Procedings Proceedings Procedings Proceedings Proceedings Proceedings Procedings Procedings Procedings Procedings Procedings Procedings Proceding			1			I				1			
Description Company	5453	097 UA43895975 0084	Equipment				ROPE 36.5 GL-V-OZH-N-R-1770 SIZEL20N			m	2x550		
1987 1985													
December Company Com	5454	097_UA43895975_0085	Equipment				ROPE 41.0 G-V-N-R-1770		GOST 3077-80	m			
March Marc			Equipment							m			
The Content of the													
									GOST 16442-80				
March Marc													
Part											-	-+	
Section Sect												-	
Column C	5462	097_UA43895975_0093					VIMIK.AVT. VA 47-29 3P 40A X-KA C4.5KA				10		
		097_UA43895975_0094											
The Content of Conte		097_UA43895975_0095											
Dec											+		
Married Marr											_	+	
							automatic welding machine						
The Authority The Authorit											-		
Part													
The color of the												-+	
STATE STATE Company											-+		
Section Process Proc										pcs			
Page											500		
Company Comp	E 47E												
Part											-	+	
Part Augustum Company Compan												-	
Sept Commence Co	5478						COUPLING CLUTCH MZ-9				3		
Part Company Company													
Section Sect			Equipment		-			·		pcs		\Box	
Part													
264 207 LANSENDER STEP Company Com		097_UA43895975_0113							GOST 7668-8			$-\!+$	
2007 LACKSERTS (11) Equipment							1 11					+	
2500 200 LANSASSETS, 1171 Equipment												-+	
5469 697 LANSSEPTS (2)13 Equipment	5486						STARTER PVIT-63M				2	-	
April	5487	097_UA43895975_0118	Equipment				Winch LPER-6,3 / 1500U			pcs	1		
April	5488	097 UA43895975 0119	Equipment				PIPE P / E 110 PE80 SDR13,6-110X8,1 1MPa			m	3000		
Section Conf. (1985) Section Conf. (1985)	5489		Equipment							ncs	5	-+	
1											-	-	
1951 197 UAN 1989 197										pcs			
1971 1972										- 1			
1545 157 148886975 127 1589 1599												-+	
Part												-+	
Montangeolis Internation March (MASS 9007) 1072 Equipment										I		-+	
1	5496	097_UA43895975_0127								pcs	2		
Finds GPT UAX-9856975, 01-20 Equipment Finds munitary Finds muni	5497	097 UA43895975 0128	Equipment				Beam fastening 3,5 (from processing of item			m3	30		
	5498	097 IJA43895975 0129					4,0) Timber round Ø15-19 cm I-4.0			m3	30	+	
												-+	
Solid Gar LuA-3885975 0.132 Equipment				Electrical	Civil protection equipment	Packup power plants	Matari MC2005 dioral gaparator		three phase 280 V rated power 200 kW				
Compressor WX99-517 Compressor WX99-517 Equipment Compressor WX99-517 productivity of 5 cubic meters. / min max. pressure 7 bar. pcs 1	3300	091_0A43093913_0131	Equipment	Electrical	Civil protection equipment	Backup power plants	Watan WC2003 diesei generator		tillee-pliase 300 v lateu power 200 kW	pus	1		
Compressor LNVS9-15/7 productivity of 15 m. cube. / min max. pressure 7 bar. pcs 1	5501	097_UA43895975_0132	Equipment				Kaeser M50 mobile diesel compressor		productivity of 5 cubic meters. / min max. pressure 7 atm.	pcs	1		
Compressor LNVS9-15/7 productivity of 15 m. cube. / min max. pressure 7 bar. pcs 1												-+	
Section Proceedings Section	5502	U97_UA43895975_0133	Equipment				Compressor UkVSh-5/7		productivity of 5 cubic meters. / min max. pressure 7 bar.	pcs	1		
Section Proceedings Section	5503	097 UA43895975 0134	Equipment				Compressor UkVSh-15/7		productivity of 15 m. cube. / min max. pressure 7 har	pcs	1		
Solid Soli							* *					\longrightarrow	\longrightarrow
BR02-56054 BR02-56054 BR02-25054 BR0												+	
Section Sect												-+	
Solid Soli	5507	097_UA43895975_0138							power 250 kW Speed 1500 rpm		1		
S510 097_UA43895975_0141 Equipment Equipment Equipment Electrical Civil protection equipment Backup power plants Diesel generator /IJY DALGAKIRAN DI27580 Diesel generator /IJY DALGAKIRAN DI27580 Diesel fuel Equipment Electrical Civil protection equipment Backup power plants Diesel generator /IJY DALGAKIRAN DI27580 Diesel generator /IJY DALGAKIRAN DI27580 Diesel fuel Equipment Electrical Civil protection equipment Backup power plants Diesel generator /IJY DALGAKIRAN DI27580 Diesel fuel Equipment Electrical Civil protection equipment Backup power plants Diesel generator /IJY DALGAKIRAN DI27580 Diesel generator /IJY DALGAKIRAN DI27580 Diesel fuel Equipment Electrical Civil protection equipment Backup power plants Diesel generator /IJY DALGAKIRAN DI27580 Diesel	5508	097_UA43895975_0139	Equipment							pcs			
5511 097 UA43895975 0142 Equipment Figure Figur											2		
5512 097_UA43895975_0143 Equipment Civil protection equipment Backup power plants Backup power plants Diesel generator ДГУ DALGAKIRAN DI2758D Diesel fuel Diesel generator ДГУ DALGAKIRAN DI2758D Diesel fuel Diesel generator ДГУ DALGAKIRAN DI2758D Diesel generator DIES		U97_UA43895975_0141							Pressure .420m		1 200	\longrightarrow	\longrightarrow
5513 097_UA33895975_0144 Equipment Electrical Civil protection equipment Backup power plants Diesel generator ДГУ DALGAKIRAN DI2758D Diesel generator Diesel generator ДГУ DALGAKIRAN DI2758D Diesel generator Diesel			Equipment						diameter 31			-+	-+-+
5514 097_UA43895975_0145 Equipment Electrical Civil protection equipment Backup power plants Diesel generator ДГУ DALGAKIRAN DI2758D Diesel													
Diesel generator /I/Y DALGAKIRAN DI2758D Diesel generator /I/Y DALGAKIRAN DI2758D Diesel generator /I/Y DALGAKIRAN DI2758D Power, kVa / kW-250/200; number of phases-3, voltage-400V pcs 9													
Solid Soli				Flooring	Chill meste stice and are a	Deelon november		Disast secretar RD/ 244 CAMPAN 242752					
5517 097_UA43895975_0148 Equipment Civil protection equipment Backup power plants Diesel generator ДГУ DALGAKIRAN DI2758D Diesel fuel tone 60	5515	U9/_UA438959/5_U146	Equipment	Electrical	Civil protection equipment	васкир power plants	ыesei generator ді у DALGAKIRAN DJ275BD	ыesei generator ді у DALGAKIRAN DJ275BD	rower, kva / KW-250/200; number of phases-3, voltage -400V	pcs	9		
Diesel D	5516	007 114/3805075 01/7	Equipment		Civil protection occument	Backup newer plants	Diesel generator (ITV DALGAVIDAN DI27500	SRVSh.1.3 * 05 navvar cabla		m n	500	-+	
5518 097_UA43895975_0149 Equipment Electrical Civil protection equipment Backup power plants Diesel generator /I/Y DALGAKIRAN D12758D Motor oil 10 40 W kg 800	-		Equipment		Civil protection equipment	oackup power plants	Diesei generator для DALGAKIKAN DJ275BD	popul-1-3 - 32 hower ranie		m.p.			
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	5517	097_UA43895975_0148	Equipment		Civil protection equipment	Backup power plants	Diesel generator ДГУ DALGAKIRAN DJ275BD	Diesel fuel		tone	60		
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	5518	097 11843895975 0149	Equipment		Civil protection equipment	Backup power plants	Diesel generator /ITV DAI GAKIRAN DI275RD	Motor oil 10 40 W		ka	800		
5520 097_UA43895975_0151 Equipment 52 Image: Control of the contr			Ечирпоп		S.VII protection equipment	Sacrup power plants	garrendo Ar y bricondinad DIZ/JBD	1110101 011 20 40 44	1	ng	000	\longrightarrow	\longrightarrow
5521 097_UA43895975_0152 Equipment A92 petrol tone 46	5519	097_UA43895975_0150	Equipment	Electrical	Civil protection equipment	Backup power plants	Matari MC200S diesel generator	three-phase 380 V rated power 200 kW		pcs	1		
5521 097_UA43895975_0152 Equipment A92 petrol tone 46	5520	097_UA43895975_0151	Equipment				Diesel fuel			tone	52	-	
5522 097_UA43895975_0153 Equipment 8us 45 seats pcs 1	5521	097_UA43895975_0152	Equipment							tone			
	5522	097_UA43895975_0153					Bus		45 seats	pcs	1		

5523	007 114 40005075 0454	Ft	T	1	Т	Bus		35 seats					
5524	097_UA43895975_0154 097_UA43895975_0155	Equipment Equipment				Bus Forklift		35 seats 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 MC200S		three-phase 380 V rated power 200 kW	pcs	2			
5530	096_UA33839013_0002	Equipment				Kaeser 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		petrol	A-95		t	1,14		-+	-
5536 5537	043_UA03338649_0046 043_UA03338649_0047	Energy resources	liquid	petrol Discol fuel		petrol Diesel fuel	A-92 DT		t	1,14	-+	-+	
5538	044_UA03339459_0045	Energy resources Energy resources	liquid liquid	Diesel fuel petrol		petrol	A-95		t +	0,63	-+	-	
5539	044_UA03339459_0045	Energy resources	liquid	petrol		petrol	A-92		t	0.63	-+	-+	-+-
5540	044_UA03339459_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		ì	1,25	-+	-	
5541	076 UA05524660 0045	Energy resources	liquid	petrol		petrol	A-95		t	0,13			_
5542	076_UA05524660_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,13			
5543	076_UA05524660_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	0,25			
5544	045_UA20262860_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,98			
5545	045_UA20262860_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,98	$-\!\!\!\!-\!\!\!\!\!\!+$	-+	
5546	045_UA20262860_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,96	-+	-+	-
5547	046_UA03340920_0045	Energy resources	liquid	petrol		petrol	A-95		t	1,52	-+	-+	-
5548 5549	046_UA03340920_0046 046_UA03340920_0047	Energy resources	liquid	petrol Diesel fuel		petrol Diesel fuel	A-92 DT		t	1,52 3.03	+	-+	\longrightarrow
5550	082_UA03361075_0045	Energy resources Energy resources	liquid liquid	petrol		petrol	A-95		t	1,75	-+	-+	
5551	082_UA03361075_0045	Energy resources	liquid	petrol		petrol	A-92		t	1,75	-+	-+	-
5552	082_UA03361075_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	3,5	-+	-+	-
5553	047 UA03344071 0045	Energy resources	liquid	petrol		petrol	A-95		t	0,91			
5554	047_UA03344071_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,91			
5555	047_UA03344071_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,82			
5556	048_UA05448610_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,69			
5557	048_UA05448610_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,69			
5558	048_UA05448610_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,38			
5559	049_UA03345716_0045	Energy resources	liquid	petrol		petrol	A-95		t	1,2		$-\!\!\!+$	
5560 5561	049_UA03345716_0046 049_UA03345716_0047	Energy resources	liquid	petrol Diesel fuel		petrol Diesel fuel	A-92 DT		t	1,2 2,41		-+	
5562		Energy resources	liquid				A-95		t			-+	
5563	050_UA03361046_0045 050_UA03361046_0046	Energy resources	liquid liquid	petrol petrol		petrol petrol	A-95 A-92		- E	1,03	-+	-+	
5564	050_UA03361046_0047	Energy resources Energy resources	liquid	Diesel fuel		Diesel fuel	DT			2,07		-+	-
5565	051 UA03346331 0045	Energy resources	liquid	petrol		petrol	A-95		t	2,25	-+	-+	
5566	051_UA03346331_0046	Energy resources	liquid	petrol		petrol	A-92		ì	2,25		-+	
5567	051 UA03346331 0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	4,5			
5568	052_UA20578072_0045	Energy resources	liquid	petrol		petrol	A-95		t	2,25			
5569	052_UA20578072_0046	Energy resources	liquid	petrol		petrol	A-92		t	2,25			
5570	052_UA20578072_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	4,49			
5571	071_UA03365222_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,63			
5572	071_UA03365222_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,63		-+	
5573	071_UA03365222_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,26	$-\!\!\!\!-\!\!\!\!\!\!+$	-+	
5574	083_UA20413052_0045	Energy resources	liquid	petrol		petrol	A-95 A-92		t	0,25	-+	-+	\longrightarrow
5575 5576	083 UA20413052 0046 083 UA20413052 0047	Energy resources	liquid	petrol Diesel fuel		petrol Diesel fuel	A-92 DT		t +	0,25	-+	-+	-+-
5576	077_UA03351734_0045	Energy resources Energy resources	liquid liquid	Diesel fuel petrol		petrol	A-95		t	0,25	-+	-+	
5578	077 UA03351734 0046	Energy resources	liquid	petrol		petrol	A-92		t	0,25	-+	-+	-
5579	077_UA03351734_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	0,5			
5580	053_UA03341397_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,72			
5581	053_UA03341397_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,72			
5582	053_UA03341397_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,44			
5583	054_UA05524713_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,25			
5584	054_UA05524713_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,25			
5585	054_UA05524713_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	0,5	$-\!+$	-+	-
5586 5587	055_UA05451150_0045 055_UA05451150_0046	Energy resources	liquid	petrol		petrol petrol	A-95 A-92		t	2	-+	-+	-
5588	055_UA05451150_0046 055_UA05451150_0047	Energy resources	liquid	petrol Diesel fuel		petrol Diesel fuel	A-92 DT			4	-+	-+	
5589	056_UA03349039_0045	Energy resources Energy resources	liquid liquid	petrol		petrol	A-95		1	2,15	-+	-+	-+-
5590	056_UA03349039_0045	Energy resources	liquid	petrol		petrol	A-92		t	2,15	-+	-+	-+
5591	056_UA03349039_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	4,3	-+	-+	-
5592	075 UA03361135 0045	Energy resources	liquid	petrol		petrol	A-95		t	0,25	-	-	-
5593	075_UA03361135_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,25			
5594	075_UA03361135_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	0,5			
5595	078_UA05535349_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,25			
5596	078_UA05535349_0046	Energy resources	liquid	petrol		petrol	A-92	-	t	0,25			
5597	078_UA05535349_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	0,5			
5598	057_UA05410263_0045	Energy resources	liquid	petrol		petrol	A-95		t	0,87			
5599	057_UA05410263_0046	Energy resources	liquid	petrol		petrol	A-92		t	0,87	$-\!\!\!\!-\!\!\!\!\!\!+$	$-\!\!+\!\!$	
5600	057_UA05410263_0047	Energy resources	liquid	Diesel fuel		Diesel fuel	DT		t	1,75	$-\!+$	-+	
5601	058_UA03351208_0045 058_UA03351208_0046	Energy resources	liquid liquid	petrol petrol		petrol petrol	A-95 A-92		t	2	-+	-+	\longrightarrow
J002	000_UN00001200_UU46	Energy resources	ııquıu	petror		petitii	n-92			£			

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		liquid	Diesel fuel	Diesel fuel	DT DT		t	1,93	+	-
	Energy resources									+
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	1 1	
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		
				Diesel fuel	A-92 DT	+	t		++	-
5624 081_UA03361419_0047 5625 064_UA03359500_0045	Energy resources	liquid	Diesel fuel		A-95		t t	0,5 1,12	++-	-
	Energy resources	liquid	petrol	petrol		+			++	-
5626 064_UA03359500_0046	Energy resources	liquid	petrol	petrol	A-92		t	1,12	++	\rightarrow
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	\bot	
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	+	
				petrol	A-95		t	1		+
5637 068_UA03361402_0045	Energy resources	liquid	petrol		A-95 A-97		t	1	++-	-
5638 068_UA03361402_0046	Energy resources	liquid	petrol	petrol				_	++-	-
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 0045				petrol	A-92		t	0,13		
	Energy resources	liquid	petrol Diesel fuel	Diesel fuel	A-92 DT		t	0,13	++-	-
	Energy resources	liquid					t			
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	\bot	
5656 086_UA32736800_0046	Energy resources	liquid	petrol	petrol	A-92		t	0,13	$\perp \perp \perp$	
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	I ¯	
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		\neg
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 recourses	liquid	Oil	Lubricants	TAP-15 ink		t.	2	++-	-+
5667 091_UA34032208_0139	Energy resources		Oil	Lubricants	IAP-15 INK			2	+-+-	-+-
						+	t.		++	$-\!\!\!\!+\!\!\!\!-\!\!\!\!\!-$
5007 031 0A34032200 0140	Energy resources	liquid	Oil	Lubricants	Compressor oil KS-19		t.	0,6	++	
5668 091_UA34032208_0141	Energy resources	liquid	Oil			1	-			
5668 091_UA34032208_0141 5669 091_UA34032208_0142	Energy resources Energy resources	liquid liquid	Oil	Lubricants	Turbine oil TP-22		t.	0,6		-
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143	Energy resources Energy resources Energy resources	liquid liquid liquid	Oil Oil	Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500		t.	0,6	$\pm \pm$	\pm
5668 091_UA34032208_0141 5669 091_UA34032208_0142 5670 091_UA34032208_0143 5671 091_UA34032208_0144	Energy resources Energy resources Energy resources Energy resources	liquid liquid liquid liquid	Oil Oil Oil	Lubricants Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K		t. t.	0,6		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0144 5672 091 UA34032208 0145	Energy resources Energy resources Energy resources Energy resources Energy resources	liquid liquid liquid liquid liquid	Oil Oil Oil Oil	Lubricants Lubricants Lubricants Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 17"s "Cutroll Flash"		t. t. t.	0,6 0,2 2		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0144 5672 091 UA34032208 0145 5673 096 UA33839013 0003	Energy resources	liquid liquid liquid liquid	Oil Oil Oil Oil Oil Oil	Lubricants Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K		t. t.	0,6		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0144 5672 091 UA34032208 0145	Energy resources	liquid liquid liquid liquid liquid liquid	Oil Oil Oil Oil	Lubricants Lubricants Lubricants Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 17"s "Cutroll Flash"		t. t. t.	0,6 0,2 2		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0144 5672 091 UA34032208 0145 5673 096 UA33839013 0003	Energy resources	liquid liquid liquid liquid liquid	Oil Oil Oil Oil Oil Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Lubricants Fuel	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol		t. t. t.	0,6 0,2 2 5		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA33839013 0003 5674 096 UA33839013 0003	Energy resources	liquid liquid liquid liquid liquid liquid liquid liquid	Oil Oil Oil Oil Oil Oil Oil Oil Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel	Tuthie oil TP-22 Lubricant electrotechnical T-500 Lubricant automobile M6-10G2K hydrofluid Agrinol "Anticor 175" Cutroll Flash" A92 petrol DP Olive 1-40		t. t. t. t	0,6 0,2 2 5 4		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0144 5672 091 UA34032208 0145 5673 096 UA33839013 0003 5674 096 UA33839013 0005 5676 096 UA33839013 0005 5676 096 UA33839013 0006	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants Lubricants Lubricants Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile M6-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol DP Olive I-40 Olive TP-30		t. t. t. t	0,6 0,2 2 5 4 2		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA33839013 0003 5674 096 UA33839013 0004 5675 096 UA33839013 0005 5676 096 UA33839013 0005	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants Lubricants Lubricants Lubricants Lubricants	Tuthie oil TP-22 Lubricant electrotechnical T-500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol DP Olive 140 Olive TP-30 Olive NIGGEK		t. t. t. t t t t t t t	0,6 0,2 2 5 4 2 4 0,5		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA33839013 0003 5674 096 UA33839013 0005 5676 096 UA33839013 0005 5676 096 UA33839013 0006 5677 096 UA33839013 0006	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile M6-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol DP Olive I-40 Olive TP-30		t. t. t. t t t t t t t t t t	0,6 0,2 2 5 4 2 4 0,5		
5668 091 UA34032208 0141 5670 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA33839013 0004 5675 096 UA33839013 0004 5676 096 UA33839013 0006 5677 096 UA33839013 0007 5678 096 UA33839013 0007 5678 096 UA33839013 0007	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants Kerosene	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol DP Olive I-40 Olive T9-30 Olive MJ0G2K Oliva Compreol		t. t. t. t t t t t t t t t t t	0,6 0,2 2 5 4 2 4 0,5 1		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA33839013 0003 5674 096 UA33839013 0005 5676 096 UA33839013 0005 5676 096 UA33839013 0006 5677 096 UA33839013 0007 5678 096 UA33839013 0007 5678 096 UA33839013 0007 5678 096 UA33839013 0007 5678 096 UA33839013 0008	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants	Turbine oil TP-22 Lubricant electrotechnical T-500 Lubricant automobile MG-1062K Hydrofluid Agrinol "Anticor ITS" "Cutroll Flash" A92 pertol DP Olive 140 Olive TP-30 Olive M1062K Oliva Compreol Litol-24 oil		t. t. t. t t t t t t t t t t t t t t t	0,6 0,2 2 5 4 2 4 0,5 1 0,5 0,4		
5668 091 UA34032208 0141 5669 091 UA34032208 0142 5670 091 UA34032208 0143 5671 091 UA34032208 0145 5672 091 UA34032208 0145 5673 096 UA38339013 0004 5675 096 UA38339013 0004 5675 096 UA38339013 0006 5677 096 UA38339013 0006 5677 096 UA38339013 0007 5678 096 UA38339013 0007	Energy resources	liquid	Oil	Lubricants Lubricants Lubricants Lubricants Lubricants Fuel Fuel Lubricants Kerosene	Turbine oil TP-22 Lubricant electrotechnical T-1500 Lubricant automobile MG-10G2K Hydrofluid Agrinol "Anticor 175" "Cutroll Flash" A92 petrol DP Olive I-40 Olive T9-30 Olive MJ0G2K Oliva Compreol		t. t. t. t t t t t t t t t t t	0,6 0,2 2 5 4 2 4 0,5 1		

March Marc									
Seed of All JACKSSEAS 2008 Planned from the seed of th	5682	043_UA03338649_0048	Humanitarian needs	Medical care First aid kits	vials - J pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB10 or passor bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Kerlyslagidir, acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.00 g NBG or NB - 2 pc Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.06 g NBG or NB - 10 - 1 pcs Non-sterile medical totolom wool 25 g - 1 pcs Activated charcost 16b. 0.25 g NB - 10 valerian tincture of 25 ml or 30 ml - 1 pcs R10 - 2 pcs Valerian extract table. 0.02 g NB 50 or valerian tincture of 25 ml or 30 ml - 1 pcs (Eaptopress table NB20 - 1 pcs Loperamide table. 2mg NB10 or NB 20 - 1 pcs Medical rubber flieptip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nb 10 - 2 pcs Hydrogen peroxido solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eyed riops 200 mg / ml or 300 mg / ml 10 ml or norfloxacia ney ex and ear drops, 3 mg / ml, 5 ml or ophthalmodec eyed riops, 0.20 mg / ml s ml or 30 ml y ml 10 ml or norfloxacia reversion (1 ml or 1 pcs Citramon tablets N6 or N810 - 2 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	91		
Section Company of the Act Section Company of the Act	5683	043_UA03338649_0049	Humanitarian needs	Medical care Medical tarpaulin frame stretchers		pcs	91		
Code 155 cm, Worker of a cloth 50 cm. Ammonis solution for external use 1014 do mile with 1 pcs Analysis table. 50 get Web 74 to 30 cm. Ammonis solution for external use 1014 do mile with 1 pcs Analysis table. 50 get Web 74 to 30 cm. 10 or requeste tables 20 pcs Analysis facilities and table. 50 get Web 74 to 30 cm. 50 m. 1 pcs Distanced press. 500 mg th 10 - 2 pcs Analysis facilities and table. 50 get Web 74 to 30 cm. 5 m. 2 pcs Distanced press. Validation tables 10 get 80 cm. 5 m. 1 pcs Distanced press. Validation tables 10 get 80 cm. 5 m. 1 pcs Distanced press. Anthread creators 15 to 30 get 80 pcs Veb 75 pcs. Anthread creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. Anthread creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. Anthread creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. Anthread creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. Nitrograph creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. 3 pcs. 2 pcs. Nitrograph creators 15 to 30 get 80 pcs. 2 pcs. 2 pcs. 3 pcs. 3 pcs. 2 pcs. 3 pcs	5684	044_UA03339459_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB1 or paragot tablets Ne 10 or raunatin tablets 2 mg Ne10 or disazole table. 20mg Ne10 - 2 pcs Activisaliquific acid table. 500 mg Ne 10 - 2 pcs Anothesialiquific acid table. 500 mg Ne 10 - 2 pcs Anothesialiquific acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm × 5 m - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml - 1 pcs Non-sterile medical bandage 10 cm × 5 m - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml - 1 pcs Non-sterile medical cotton wool 12 pc - 1 pcs Non-sterile medical cotton wool 12 pc - 1 pcs Non-sterile medical cotton wool 12 pc - 1 pcs Norosterian truture of 25 m or 30 ml - 1 pc Scaptopress table N20 - 1 pcs Loperamide table. 20 pc N10 or N2 0 - 1 pcs In or 30 ml - 1 pc Scaptopress table N20 - 1 pcs Loperamide table. 2 mg N210 or N2 0 - 1 pcs Medical rubber fingertip - 1 pcs N10 or N2 0 - 1 pcs Nedical rubber fingertip - 1 pcs N10 pcs N10 pcs N20 - 1 pcs N2	set	50		
visit - 1 pcx Analgin table to 25 g Med or Nt 30 - 2 pcx Analgin table to 25 g Med or Nt 30 - 2 pcx Analgin table to 25 pcx Analgin table table to 25 pcx Analgin table	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		
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.	5686	076_UA05524660_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - 1 tab. Ne10 or paparot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal - 1 mg/livit caid table. 500 mg Ne 10 - 2 pcs. Non-sterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 14,10 m 1,5 m to 7 20 m - 1 pcs Validid tablets 0.06 g Ne5 or Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal table. 2.5 g Ne10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 - v pcs Norderian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Medical rubber fingerth - 1 pcs Norderian extract 10 mg Ne10 or Ne 20 - 1 pcs Table Ne20 - 1 pcs Loperamide tables. 2 mg Ne10 or Ne 20 - 1 pcs Norderian extraction 1 pcs Norde	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		

Part									
March Marc	5688	045_UA20262860_0048	Humanitarian needs	Medical care First aid kits	vials - J pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB10 or passor bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Kerlyslagidir, acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.00 g NBG or NB - 2 pc Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.06 g NBG or NB - 10 - 1 pcs Non-sterile medical totolom wool 25 g - 1 pcs Activated charcost 16b. 0.25 g NB - 10 valerian tincture of 25 ml or 30 ml - 1 pcs R10 - 2 pcs Valerian extract table. 0.02 g NB 50 or valerian tincture of 25 ml or 30 ml - 1 pcs (Eaptopress table NB20 - 1 pcs Loperamide table. 2mg NB10 or NB 20 - 1 pcs Medical rubber flieptip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nb 10 - 2 pcs Hydrogen peroxido solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eyed riops 200 mg / ml or 300 mg / ml 10 ml or norfloxacia ney ex and ear drops, 3 mg / ml, 5 ml or ophthalmodec eyed riops, 0.20 mg / ml s ml or 30 ml y ml 10 ml or norfloxacia reversion (1 ml or 1 pcs Citramon tablets N6 or N810 - 2 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	78		
10 10 10 10 10 10 10 10	5689	045_UA20262860_0049	Humanitarian needs	Medical care Medical tarpaulin frame stretchers		pcs	78		
Cost 30 Cost 3	5690	046_UA03340920_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - in tab. Ne10 or passor labelets Ne 10 or raunatin tablets 2 mg Ne10 or disazole table. 20mg Ne10 - 2 pcs Activisatiquific acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml − 1 pcs Validot tabletes 0.0 6 g Ne6 or Ne 10 - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical table. 0.02 g Ne 50 or valerian truture of 25 m or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs toperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Nord 20 ml - 1 pcs Nord 20 ml - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen percode solution 3¼ 40 ml - 1 pcs Statercidial patch - 2 pcs Sulfacile yed drops 200 mg / ml or 300 mg / ml 10 ml or northoxacile mey and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 2.0 mg / ml s ml or 30 ml − 1 pcs Citramon tablets Nos for Ne10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	121		
visit - 1 pcx. Analignt Tables - 0.5 g Med or 1 visit - 1 pcx. Analignt Tables - 10 g Med or 1 passed tables No 13 or anumation tables 12 mg Not 10 or discole table. Daming 10 or 10 mg Not 10 pcx Med or 10 pcx Me	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		
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.	5692	082_UA03361075_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - 1 tab. Ne10 or paparot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal - 1 mg/livit caid table. 500 mg Ne 10 - 2 pcs. Non-sterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 14,10 m 1,5 m to 7 20 m - 1 pcs Validid tablets 0.06 g Ne5 or Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal table. 2.5 g Ne10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 - v pcs Norderian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Medical rubber fingerth - 1 pcs Norderian extract 10 mg Ne10 or Ne 20 - 1 pcs Table Ne20 - 1 pcs Loperamide tables. 2 mg Ne10 or Ne 20 - 1 pcs Norderian extraction 1 pcs Norde	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		

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 NeS or Ne 10 - 2 pcs Andigal - in tab. Ne10 or paparot Dablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Setvishagility acid table. 30mg Ne10 - 2 pcs Non-sterile medical bandage 10 cm x S m - 2 pcs Diamond green alcohol solution 1% 10 ml. 15 ml or 10 ml - 1 pcs Validati tablets 106 g Ne60 m Ne10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcost 1ab. 0.2 g Ne 50 or valerian incture of 25 ml or 30 ml - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Valerian extract table. 0.02 g Ne 50 or valerian incture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2mg Ne10 or Ne 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 Ne 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Suffacil eyed drops 200 mg / ml or 300 mg / ml 10 ml or norfloxadi neye and ear drops, 3 mg / ml, 5 ml or ophthalmode eyed drops, 20 mg / ml S ml or 10 ml - 1 pcs Citramon tablets N6 or Ne10 - 2 pcs linstructions - 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 viab 1- 1 pcs Analgin table. 0.5 g Ne6 or Ne 10 - 2 pcs Andigai - 1 mto N. 100 or papacot bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole tablet. 20mg Ne10 - 2 pcs Acetylasin(ir. acid table. 20mg Ne10 - 2 pcs Acetylasin(ir. acid table. 300 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x5 m - 2 pcs Sterile medical bandage 10 cm x5 m - 2 pcs Diamond green alcohol solution 13/10 cm, 15 mil or 20 mil - 1 pcs Valdid tablets 0.06 g Ne6 or Ne 10 - 1 pcs Non-sterile medical sorton wood 15 g = 1 pcs Activated charcost table. 0.02 g Ne 100 - 2 pcs Valence sterile medical rotton wood 15 g = 1 pcs Activated charcost table. 0.02 g Ne 100 - 2 pcs Valence sterile medical rotton wood 15 g = 1 pcs Activated charcost table. 0.02 g Ne 100 - 2 pcs Valence sterile table. 0.02 g Ne 100 - 2 pcs Valence sterile table. 0.02 g Ne 100 - 2 pcs Valence sterile table. 0.02 g Ne 100 - 2 pcs Valence sterile valence 10 pcs Valence sterile valence va	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 vish s 1 pcs Analgin table. 0.5 g NeG or Ne 10 - 2 pcs Andigal - 1 mts. Ne10 or papacot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs Activisatin(ir. acid table. 500 mg Ne 10 - 2 pcs Activisatin(ir. acid table. 500 mg Ne 10 - 2 pcs Anot-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohols oldution 1% 10 ml. 15 ml or 20 ml - 1 pcs Validol tablets 0.06 g Ne6 or Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g 1 pcs Activated charcoal tabl. 0.25 g Ne10 - 2 pcs Validol tablets 0.05 g Ne5 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 gcs toperamida table. 20mg Ne10 or Ne 20 - 1 pcs Nedical rubber 10 pcs 10 pcs Nedical rubber 10 pcs Ne10 pcs Northeylevent ablets 0.5 mg 04 tablets - 2 pcs Sterrie dressing packer - 1 pcs Paracetamol tablets. 20 g or 0.5 g Ne 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Starliad ley drops 20 pc mg / ml 0 ml or 300 mg / ml 10 ml or northoscacin eye and ear drops, 3 mg / ml, 5 ml or 10 ml - 1 pcs Case or bag or thermal pack 1 pcs Neck Scale or bag or thermal pack 1 pcs Neck Scale or bag or thermal pack 1 pcs Neck Scale or bag or thermal pack.	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		

Ammonia solution for external use 10% 40 ml in viab - 1 pcs Analgin table. 0.5 g N86 or Ne 10 - 2 pcs Andipal - in tab. Ne10 or papazol tablets Ne				
30 or raunatin tablets 2 mg NetD or dibazole table. 2 mg NetD or 2 pas Activated table. 2 mg NetD or 2 pas Activated table. 500 mg Net D or 2 pas Non-sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 m x 5 m - 2 pas Sterile medical bandage 10 pas Sterile medical pas Sterile medical bandage 10 pas Sterile medical pas Sterile medical bandage 10 pas Sterile medical pas Sterile pas	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		
Ammonia solution for external use 10% 40 mil in vish - 1 pcc. Analight table. 0.5 g tels or he 10 - 2 pcc. Anafogal - ntab. Ni Police Note that the control of papers of tables. We table 20mg Not 10 - 2 pcc. Aertykelin(bit acid table. Sign Note Note - 2 pcc. Aertykelin(bit acid table. Sign Note Note - 2 pcc. Aertykelin(bit acid table. Sign Note Note - 2 pcc. Note sterile medical bindage 10 cm s 5 m - 2 pcc Dialmond green alcohol solution 1% 10 ml. 1, 5 ml or 2 pcc. Note Note Note Note Note Note Note Note	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		
Ammonia solution for external use 10% 40 mi in visit - 1 pcs. Analgin Table. 0.5 g. Ne6 or Ne 10 - 2 pcs. Analginal - Intal. Ne. NE0 or papazol Tablets Ne 10 pcs. Analginal - Intal. Next Oper papazol Tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole tables 20 mg Ne10 - 2 pcs. Analginal - Intal. Next Oper Next - 10 pcs. Non-sterile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Servile medical bandage 10 cm x 5 m - 2 pcs. Non-servile pcs. Non-service Novel Nov	set	180		
sterile medical cotton wood 25 g - 1 pcs Activated duracrost at bb. 0.2 g pc No or valerian tircture of 25 m to 30 m t - 1 pcs Captopress table No 20 - 1 pcs Loperamide table. 2mg Not o or No 20 - 1 pcs Loperamide or Not of the Company Not o or No 20 - 1 pcs Loperamide or Not of the Company Not o or No 20 - 1 pcs Loperamide or Not of the Company Not o or No 20 - 1 pcs Loperamide or Not of the Company Not o or Not of th				

5706	071_UA03365222_0048	Humanitarian needs	Medical care	First aid kits	Ammonia solution for external use 10% 40 ml in vias - 1 pcs Andigni - in tab. NE10 or papazot tablets Ne 10 or Andigni - in tab. NE10 or papazot tablets Ne 10 or raunatin tablets 2 ng Ne10 or dibazole table. 20mg Ne10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 300 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 m x 5 m - 2 pc 10 - 1 pcs Non-sterile medical obtained 10 ng Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated Achroarol tab. 0.2 g Ne 10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne 20 - 1 pcs Loperamide table. 2mg Ne 10 or Ne 20 - 1 pcs Medical rubber Ingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Steried Merssing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen peroxide solution 3 % 40 ml - 1 pcs Bactericidal patch - 2 pcs Suffacil que drops 200 mg / ml or 300 mg // ml 10 ml or northosacine ye and ear drops, 3 mg //ml, 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 mg // ml 5 ml or ophthalmodec eye drops, 0.2 m	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 N66 or Ne 10 - 2 pcs Andrain - intab. No10 or parazaot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table .20mg Ne10 - 2 pcs Acetylsalicylic acid tab. 350 mg Ne 10 - 2 pcs Acetylsalicylic acid tab. 350 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical valid to tablets 0.0 g Ne or Ne 10 - 1 pcs Non-sterile medical obradge 10 cm x 5 m - 2 pc Sterile medical valid to tablets 0.0 g Ne or Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated Antoraol tab. 0.2 g Ne 10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml of 30 ml - 1 pcs Captopress table N20 - 1 pcs Loperamide table. 2mg Ne10 or Ne 20 - 1 pcs Medical rubber ingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Steried restaing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perodus desultion 3 % 40 ml - 1 pcs Bactericial patch - 2 pcs Sulfacile yee drops .200 mg / ml or 300 mg // ml 10 ml or norfosaonie neye and ear drops, 3 mg //ml, 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5 ml or opthhalmodec eye drops, 0.2 mg // ml 5	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 N6o or Ne 10 - 2 pcs Andjalin in tab. Ne 10 or papazot tablets Ne 10 or raunatin tablets 2 mg Ne 10 or dilazole table. 20 mg Ne 10 - 2 pcs Activalsiquica and tab. 50 mg Ne 10 - 2 pcs Andjalingilica and tab. 50 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical bandage 10 cm x 5 m - 2 pcs Shrein emolical stables 10 0 g Ne 50 or Ne 10 - 1 pcs Non-streile medical corton veol 25 s - 1 pcs Activated charcoal tab. 0.25 g Ne 10 - 2 pcs Shrein emolical tables 10 cm x 10	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		

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 Ne6 or Ne 10 - 2 pcs Andigal - 1 rab. Net Or or paparol tablets Ne 10 or raumatin tablets 2 mg Ne10 or dibazole table: 20mg Ne10 - 2 pcs Activals(vial) calcidated table: 20mg Ne10 - 2 pcs Activals(vial) calcidated table: 20mg Ne10 - 2 pcs Activals(vial) calcidated bandage 10 cm x 5 m - 2 pcs Sienlie medical bandage 10 cm x 5 m - 2 pcs Sienlie medical bandage 20 cm x 5 m - 2 pcs Sienlie medical bandage 20 cm x 5 m - 2 pcs Sienlie medical bandage 10 cm x 5 m - 2 pcs Sienlie medical vials of tablets 0.06 g Ne5 or Ne10 - 1 pcs Nonsterlie medical cotton vials 0.05 g Ne5 or Ne10 - 1 pcs Nonsterlie medical cotton vials 0.05 g Ne5 or Ne10 - 1 pcs Activated Activacidated Activacidated 1.00 g Ne 30 or valerieran tinciture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table: 2mg Ne10 or Ne 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Steriel dersting package - 1 pcs Paracetamol tablets: 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perovides doution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg /ml or 300 mg /ml or 10 ml or nor floxicanie 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 Ne6 or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10 - 2 pcs Instructions - 1 pcs Case or Ne10	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 N86 or N8 10 - 2 pcs Analgin table: 0.5 g N86 or N8 10 - 2 pcs Analgin table: 3 mg N810 or dibazole table: 20mg N810 - 2 pcs Acetylsalicylia ccid table. 20mg N810 - 2 pcs Acetylsalicylia ccid table. 20mg N810 - 2 pcs Acetylsalicylia ccid table. 50m gN 81 0 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Shemion green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tabletos 0.06 g N86 or N8 10 - 1 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Non-sterile medical tool solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validol tabletos 0.06 g N86 or N8 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g N80 - 2 pcs Valerian extract table: 0.02 g N8 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table N820 - 1 pcs Loperamide table. 2mg N810 or N8 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tableto .5 mg 40 tablets - 1 pcs Setreid derseing package - 1 pcs Barcaretamol tablets. 0.2 g or 0.5 g N8 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Barcareticidal patch - 2 pcs Sulfacile que drops, 20 mg / ml or 300 mg / ml 10 ml or nor floxicanie qw and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml S ml or 10 ml - 1 pcs Citramon tablets N6 or N810 - 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 Ne6 or Ne 10 - 2 pes Andrajo in tab. Net 00 re paparol tablets Ne 10 or raumatin tablets 2 mg Ne10 or dibazole table: 20mg Ne10 - 2 pcs Acetylalogid coid table. 20mg Ne10 - 2 pcs Acetylalogid coid table. 500 mg Ne 10 - 2 pcs Acetylalogid coid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm s 5 m - 2 pcs Sterile medical bandage 10 cm s 5 m - 2 pcs Diamond green alcohol solution 15k 10 ml, 15 ml or 20 ml - 1 pcs Valido to tablets 0.06 g Ne6 or Ne 10 - 1 pcs Non-sterile medical cotton voxol 25 g - 1 pcs. Activated charcol lab. 0.25 g Ne 10 - 2 pcs Non-sterile medical cotton voxol 25 g - 1 pcs. Activated charcol lab. 0.25 g Ne 10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture 0.25 g ml or 30 ml - 1 pcs Captopress table No20 - 1 pcs Inpermitted table. 2mg Ne10 or Ne 20 - 1 pcs Medical tables fringertip - 1 pcs. Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile decreasing package - 1 pcs Parareetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perodos solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eye drops 200 mg /ml or 300 mg /ml or 10 ml or or 10 ml - 1 pcs Citamon tablets N6 or Ne10 - 2 pcs Instructions - 1 pcs Citamon tablets N6 or Ne10 - 2 pcs Instructions - 1 pcs Case or beg or thermal pack-	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		

5718	056_UA03349039_0048	Humanitarian needs	Medical care	First aid kits	tz t	mmonia solution for external use 10% 40 ml in inials - 1 pcs Analgin table. 0.5 g N86 or N8 10 - 2 pcs Andigal - int An N80 or or paparot tablets. Ne 10 or paparot tablets. Ne 10 or paparot tablets. Ne 10 or paparot - 2 pcs Andigal- int allow 10 pcs Andigal- int allow 10 pcs Andigal- into 10 pcs Andiga		set	172	
5719	056_UA03349039_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers	C	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	v s s s s s s s s s s s s s s s s s s s	mmonia solution for external use 10% 40 ml in rials - 1 pcs Analgin table. 0.5 g N86 or N8 10 - 2 pcs Analgin table. 0.5 g N86 or N8 10 or paparot tablets N8 10 or paparot tablets N8 10 or raparot tablets N8 10 or raparot tablets N8 10 or raparot 2 pcs Ancetysial point and solution of the 10 or raunatin tablets 2 mg N810 or dibacy caid tab. 500 mg N8 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 sterile medical towards 10 cm x 5 m - 2 pcs Diamond green sterile medical towards 100 mg N8 for N8 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g N800 - 2 pcs Valeidot tablets 0.05 g N8 00 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress Sterile deressing package - 1 pcs Paracetamol tablet N20 - 1 pcs Nedical rubbers 1 pcs Sterile deressing package - 1 pcs Paracetamol tablets 0.02 g nd 50 g N8 10 - 2 pcs Hydrogen peroxide solution 3% 40 ml - 1 pcs Bactericidal batlets 0.02 mg N9 10 mg /ml or 300 mg /ml 10 ml or northoxacin eye and ear drops, 3 mg /ml, 5 ml or ophthalmode eye drops, 0.2 mg /ml 5 ml or 10 ml - 1 pcs Citramon tablets N6 or M20 - 2 pcs Stritudins - 1 pcs Care or bag or thermal pack - 1 pcs Stritudins - 1 pcs Care or bag or thermal pack - 1 pcs		set	50	
5721	075_UA03361135_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers	c	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	s tall and a tall a tal	mmonia solution for external use 10% 40 ml in inials - 1 pcs Analgin table. 0.5 g N86 or Ne 10 - 2 pcs Andigal - int ab. N80 or oppapard tables N8 10 or prapard tables N8 10 or prapard tables N8 10 or prapard tables N8 10 or reason - 2 pcs Andigal - int ab. N80 or oppapard tables N8 10 or reason - 2 pcs Andigal - int ab. S00 mg N8 10 - 2 pcs Non-sterile medical bandage 10 cm × 5 m - 2 pcs Diamond green tochol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Non-sterile medical bandage 10 cm × 5 m - 2 pcs Diamond green tochol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Non-sterile medical cottom vool 25 g - 1 pcs Avivated rhancou 18 h. 0.25 g N80 - 2 pcs Non-sterile medical cottom vool 25 g - 1 pcs Avivated rhancou 18 h. 0.25 g N80 0 or valerian tructure of 25 ml or 30 ml - 1 pcs Captopress 2 pcs Nortoglycent tablets 0.5 mg 80 ablets - 1 pcs Nortoglycent tablets 0.5 mg A0 ablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g N 810 - 2 pcs Hydrogen oroxide solution 3 ml or norfloxacin eye drops 200 mg / ml or or oroxide solution 3 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 N6 or N810 - 2 pcs Structions - 1 pcs Case or bag or thermal pack-1 pcs		set	50	
5723	078_UA05535349_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers	C	Overall dimensions: Length 220 cm, Length of a cloth 185 cm, Width of a cloth 50 cm.		pcs	50	

No.									
1972 1972	5724	057_UA05410263_0048	Humanitarian needs	Medical care First aid kits	vials - J pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB10 or passor bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Kerlyslagidir, acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.00 g NBG or NB - 2 pc Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.06 g NBG or NB - 10 - 1 pcs Non-sterile medical totolom wool 25 g - 1 pcs Activated charcost 16b. 0.25 g NB - 10 valerian tincture of 25 ml or 30 ml - 1 pcs R10 - 2 pcs Valerian extract table. 0.02 g NB 50 or valerian tincture of 25 ml or 30 ml - 1 pcs (Eaptopress table NB20 - 1 pcs Loperamide table. 2mg NB10 or NB 20 - 1 pcs Medical rubber flieptip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nb 10 - 2 pcs Hydrogen peroxido solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eyed riops 200 mg / ml or 300 mg / ml 10 ml or norfloxacia ney ex and ear drops, 3 mg / ml, 5 ml or ophthalmodec eyed riops, 0.20 mg / ml s ml or 30 ml y ml 10 ml or norfloxacia reversion (1 ml or 1 pcs Citramon tablets N6 or N810 - 2 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	70		
10 10 10 10 10 10 10 10	5725	057_UA05410263_0049	Humanitarian needs	Medical care Medical tarpaulin frame stretchers		pcs	70		
Cost JUA0335192_0048 Humanitarian needs Medical care First aid kits Medical care First aid	5726	058_UA03351208_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - in tab. Ne10 or passor labelets Ne 10 or raunatin tablets 2 mg Ne10 or disazole table. 20mg Ne10 - 2 pcs Activisatiquific acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml − 1 pcs Validot tabletes 0.0 6 g Ne6 or Ne 10 - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical table. 0.02 g Ne 50 or valerian truture of 25 m or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs toperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Nord 20 ml - 1 pcs Nord 20 ml - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen percode solution 3¼ 40 ml - 1 pcs Statercidial patch - 2 pcs Sulfacile yed drops 200 mg / ml or 300 mg / ml 10 ml or northoxacile mey and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 2.0 mg / ml s ml or 30 ml − 1 pcs Citramon tablets Nos for Ne10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	160		
visit - 1 pcx. Anglinat hinter. 10 septement battles 10 pc pageser tabletes 10 pc	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		
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.	5728	059_UA03351912_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - 1 tab. Ne10 or paparot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal - 1 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal relief medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 13/1 0 ml , 15 m or 20 ml - 1 pcs. Validid tablets 0.06 g Ne6 or Ne 10 - 1 pcs. Non-sterile medical cotton wool 25 g - 1 pcs. Activated charcoal table. 0.02 g Ne 50 or valerian tircum of 25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs Loperamide tables. 20 g Ne50 or valerian tircum of 25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Noredical tablets migratify a pcs. Solven or Ne20 - 1 pcs. Solven description 1 pcs. Noredical tablets migratify a pcs. Solven description 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Cartorno 1	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		

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 N86 or Ns 10 - 2 pcs Andipal - In tab. Ne10 or papazot lablets Ne 110 or remarket bablets 2 mg Ne10 or dibasole table. 20mg N810 - 2 pcs Non-strelli medical bandage 10 cm s 5 m - 2 pcs Sterile medical bandage 10 cm s 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Valiot tablets 0.06 g N86 or 10 ml - 1 pcs Valiot tablets 0.06 g N86 or Ne 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal tab. 0.25 g N80 or 20 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated charcoal table. 0.02 g N8 0.00 or valerian ticture of 25 ml or 30 ml - 1 pcs Captopress table N820 - 1 pcs Loperamide table. 2 mg N810 or N8 0 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycenir tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perovides solution 39 x 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfal eye drops 200 mg / ml or 300 mg / ml 10 ml or norifoxicani eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml or 10 ml - 1 pcs Case or bag or Hernal pack - 1 pcs Case or bag or thermal pack - 1 pcs Case or bag or thermal pack - 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/k 40 ml in vials - 1 pcs. Analgin table. 0.5 g NeG or Ne 10 - 2 pcs. Analgin 1 in tab. Nel 10 or papazol tablets Ne 10 or raumatin tablets 2 mg Net 10 or dibazole table. 20 mg Net 10 - 2 pcs. Anelgin 1 in tab. Nel 10 or papazol tablets Ne 10 or raumatin tablets 2 mg Net 10 or dibazole table. 20 mg Ne 10 - 2 pcs. Non-sterile medical bandage 10 cm s f m - 2 pcs. Diamond green alcohol solution 1 % 10 ml, 15 ml or 20 ml - 1 pcs. Validot tablets 0.06 g Net 0 rs. 10 ml - 1 pcs. Validot tablets 0.06 g Net 0 rs. 10 ml - 1 pcs. Validot tablets 0.06 g Net 0 rs. 10 ml - 1 pcs. Non-sterile medical cotton wool 25 g - 1 pcs. Activated charcoal table. 0.02 g Net 10 - 2 pcs. Valerian extract table. 0.02 g Net 50 or valerian tincture 0 f 25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs. Loperamide table. 2 mg Net 10 or Ne 20 - 1 pcs. Medical rubber fingertip - 1 pcs. Nitroglycenin tablets 0.5 mg 40 tablets - 1 pcs. Steried dressing package - 1 pcs. Paracetamol tablets. 0.2 g or 0.5 g Net 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 nortoloxican eye and ear drops, 3 mg / ml. 5 ml or ophthalmodec eye drops, 2.0 mg / ml or 10 ml - 1 pcs. Citramon tablets. Net or Net 0 - 2 pcs. Instructions - 1 pcs. Capt. 2 pc	set	77		
5733	061_UA03352432_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers	Overall dimensions: Length 220 cm, Length of a cloth 188 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 viab - 1 pcs. Analgin table. 0.5 g NeG or Ne 10 - 2 pcs. Analgin 1 mt ab. Ne10 or papazol tablets Ne 10 or raumatin tablets 2 mg Ne10 or dibazole table 20mg Ne10 - 2 pcs. Are/sallsci/lic acid tab. 500 mg Ne 10 - 2 pcs. Are/sallsci/lic acid tab. 500 mg Ne 10 - 2 pcs. Non-sterile medical bandage 10 cm s % m - 2 pcs. Sternle medical bandage 10 cm s % m - 2 pcs. Sternle medical bandage 10 cm s % m - 2 pcs. Diamond green alcohol solution 3 ½ 0 ml , 3 m or 2 pd - 1 pcs. Non-sterile medical cotton wood 25 g - 1 pcs. Validot tablets 0.06 g NeG or Ne 10 - 1 pcs. Non-sterile medical cotton wood 25 g - 1 pcs. Activated charcoul tab. 0.02 g Ne 30 or valeran tincture 0.25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs. Loperamide table. 2 mg Ne10 or Ne20 - 1 pcs. Medical rubboer fingertip - 1 pcs. Nitroglycerin tablets 0.5 mg 80 tablets - 1 pcs. Sterile diresting package - 1 pcs. Pace Pacetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs. Hydrogen percoide solution 39 x 0 ml - 1 pcs. Barcericidal patch - 2 pcs. Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or northoxican 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. Nec 0 net 20 c pcs. Instructions - 1 pcs. Case or Ne10 - 2 pcs. Instructions - 1 pcs. Case or Ne10 - 2 pcs. Instructions - 1 pcs. Case or Ne10 - 2 pcs. Instructions - 1 pcs. Case or Ne10 - 2 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		

5736	080_UA21155959_0048	Humanitarian needs	Medical care	First aid kits	Ammonia solution for external use 10% 40 ml in valis - 1 pc; Analgin table. 0.5 g Ne6 or Ne 10 - 2 pcs Andipal - in tab. Ne10 or papezot labelets Ne 10 or ramantin fablets 2 mg Ne10 or dibasole table: 20mg Ne10 - 2 pcs Anotheria acid tab. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green atcohol solution 1% 10 ml, 15 ml or 2 0 ml - 1 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green atcohol solution 1% 10 ml, 15 ml or 2 0 ml - 1 pcs Validio tablets 0.06 g Ne of vel 10 - 1 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated diarcoal tab. 0.2 g Ne 10 - 2 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated diarcoal tab. 0.2 g Ne 10 - 2 pcs Valerian extract table. 0.02 g Ne 10 - 0 valerian inturture 0.7 5 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne 10 or Ne 20 - 1 pcs Medical rubbler fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile diresting package - 1 pcs Pareateamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen persoide solution 3 % 40 ml - 1 pcs Bactericidal patch - 2 pcs Suffail eye drops 200 mg / ml or 300 mg / ml 10 ml or norifoxacin eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml in or 10 ml - 1 pcs Citramon tablets Ne6 or Ne10 - 2 pcs Instructions - 1 pcs Case or to 10 ml - 1 pcs Citramon tablets Ne6 or Ne10 - 2 pcs Instructions - 1 pcs Case or to 8 gor chermal 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 viais - 1 pcs Analgin table. 0.5 g Néo or No 10 - 2 pcs Analgin table. 0.5 g Néo or No 10 - 2 pcs Analgin table. 0.5 g Néo or No 10 - 2 pcs Analgin table. 0.5 g Néo or No 10 - 2 pcs No 10 or disbarole table. 20 mg Ne 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 atcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validio tables 0.06 g Néo 17 ve 10 - 1 pcs Non-sterile medical octoro wood 25 g - 1 pcs Activated diarcoal table. 0.02 g Ne 30 or ovalerian ticture of 25 ml or 30 ml - 1 pcs Validio tables 0.06 g Néo 17 g Ne 10 - 1 pcs Non-sterile medical octoro wood 25 g - 1 pcs Activated diarcoal table. 0.02 g Ne 30 or ovalerian ticture of 25 ml or 30 ml - 1 pcs Captopress table Ne 20 - 1 pcs toperamide table. 20 g Ne 30 or ovalerian ticture of 25 ml or 30 ml - 1 pcs Captopress table Ne 20 - 1 pcs Loperamide table. 20 g Ne 10 - 2 pcs Nitroglycerin tables 10.5 mg 40 tables 1 pcs Sterile diresting package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perovide solution 34 vi 0 ml - 1 pcs Bactericidal patch - 2 pcs Suffacil eyed drops 200 mg / ml or 300 mg / ml 10 ml or norifoxicani eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.2 mg / ml 5 ml or 10 ml - 1 pcs Cittamon tablest Nic or No 10 - 2 pcs Instructions - 1 pcs Cape or bag or thermal pack - 1 pcs Cape 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 50 cm.	pcs	4		
5740	081_UA03361419_0048	Humanitarian needs	Medical care	First aid kits	Ammonia solution for external use 10% 40 ml in visis - 1 pcs Analgin table. 0.5 g N8G or Ne 10 - 2 pcs Analgin table. 0.5 g N8G or Ne 10 - 2 pcs Analgin table. 0.10 p R8G or Ne 10 - 2 pcs Analgin in table N100 or papazol tablets N8 10 or raunatin tablets 2 mg N810 or disazole table. 20mg N810 - 2 pcs Anorsterile medical table 20mg N810 - 2 pcs Non-sterile medical bandage 10 cm s x m - 2 pcs Sterile medical bandage 10 cm s x m - 2 pcs Sterile medical bandage 10 cm s x m - 2 pcs Diamond green alsohol solution 3 k10 cm 1, 5 m or 20 cm - 1 pcs Validot tablets 0.06 g N86 or N8 10 - 1 pcs Non-sterile medical cotton wood 25 g - 1 pcs Validot tablets 0.06 g N86 or N8 10 - 1 pcs Non-sterile medical cotton wood 25 g - 1 pcs Activated charcost table. 0.02 g N8 0.0 or valerian timcture of 25 ml or 30 ml - 1 pcs Captopress table N20 - 1 pc s pc Medical valote fringertip - 1 pcs Vitiroglycerin tablets 0.5 mg 80 tablets - 1 pcs Sterile diresting package - 1 pcs Parracetamol tablets. 0.2 g or 0.5 g N8 10 - 2 pcs Hydrogen persoide solution 3 % 40 ml - 1 pcs Sactericidal patch - 2 pcs Suffacil eye drops 200 mg / ml or 300 mg / ml 10 ml or noriforacin eye and ear drops, 3 mg / ml, s ml or ophthalmodec eye drops, 0.2 mg / ml in or 10 ml - 1 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bas 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		

Part									
19	5742	064_UA03359500_0048	Humanitarian needs	Medical care First aid kits	vials - J pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB10 or passor bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Kerlyslagidir, acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.00 g NBG or NB - 2 pc Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.06 g NBG or NB - 10 - 1 pcs Non-sterile medical totolom wool 25 g - 1 pcs Activated charcost 16b. 0.25 g NB - 10 valerian tincture of 25 ml or 30 ml - 1 pcs R10 - 2 pcs Valerian extract table. 0.02 g NB 50 or valerian tincture of 25 ml or 30 ml - 1 pcs (Eaptopress table NB20 - 1 pcs Loperamide table. 2mg NB10 or NB 20 - 1 pcs Medical rubber flieptip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nb 10 - 2 pcs Hydrogen peroxido solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eyed riops 200 mg / ml or 300 mg / ml 10 ml or norfloxacia ney ex and ear drops, 3 mg / ml, 5 ml or ophthalmodec eyed riops, 0.20 mg / ml s ml or 30 ml y ml 10 ml or norfloxacia reversion (1 ml or 1 pcs Citramon tablets N6 or N810 - 2 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	90		
West Contract Co	5743	064_UA03359500_0049	Humanitarian needs	Medical care Medical tarpaulin frame stretchers		pcs	90		
Code _UA03355353_0048	5744	065_UA03359552_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - in tab. Ne10 or passor labelets Ne 10 or raunatin tablets 2 mg Ne10 or disazole table. 20mg Ne10 - 2 pcs Activisatiquific acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml − 1 pcs Validot tabletes 0.0 6 g Ne6 or Ne 10 - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical table. 0.02 g Ne 50 or valerian truture of 25 m or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs toperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Nord 20 ml - 1 pcs Nord 20 ml - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen percode solution 3¼ 40 ml - 1 pcs Statercidial patch - 2 pcs Sulfacile yed drops 200 mg / ml or 300 mg / ml 10 ml or northoxacile mey and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 2.0 mg / ml s ml or 30 ml − 1 pcs Citramon tablets Nos for Ne10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	103		
visis - 1 pc. Analger table. O. 5 g Nis or Nis 10 - 2 pc. Analger table. O. 5 g Nis or Nis 10 - 2 pc. Analger table. O. 5 g Nis or Nis 10 - 2 pc. Analger table. O. 5 g Nis or O disorder table. Zim g Nist 10 or S in - 2 pc. Sterile medical bandage 10 cm s in - 2 pc. Sterile medical bandage 10 cm s in - 2 pc. Sterile medical bandage 10 cm s in - 2 pc. Sterile medical bandage 10 cm s in - 2 pc. Sterile medical bandage 10 cm s in - 2 pc. Sterile medical tables. On Sig Nis or Nis 10 or N	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		
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.	5746	066_UA03355353_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - 1 tab. Ne10 or paparot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal - 1 mg/livit caid table. 500 mg Ne 10 - 2 pcs. Non-sterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Esterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1 x 10 m 1,5 m to 20 ml - 1 pcs Non-sterile medical cotton wool 25 g Ne 10 c 20 ml - 1 pcs Non-sterile medical cotton wool 25 g S - 1 pcs Activated charcoal table. 2.5 g Ne10 - 2 pcs Natient and tartical cotton wool 25 g - 1 pcs Activated charcoal table. 2.5 g Ne10 - 2 pcs Natient and tartical table. 30 g Ne 50 or valerian tincture of 25 ml or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Medical rubber fingerthy - 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 Ne 10 - 2 pcs Hydrogen percoxide solution 34 d0 ml - 1 pcs Bacteridal patch: -2 pcs Sulfacil eye drops 200 mg / ml or 300 mg / ml 10 ml or northoxacil neye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 2.0 mg / ml 5 ml or 10 ml - 1 pcs Citramon tablets No For Ne10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	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		

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 NeS or Ne 10 - 2 pcs Andjain in table .0.5 g NeS or Ne 10 - 2 pcs Andjain in table .0.5 g NeS or Ne 10 - 2 pcs Andjain in table .0.5 g NeS or Ne 10 - 2 pcs Andjain in table .0.5 g NeS or Ne 10 - 2 pcs Andjain .0.5 g Nes or Nes o	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 Néo or Ne 10 - 2 pcs Andigin table. 0.5 g Néo or Ne 10 - 2 pcs Andigin table. 0.5 g Néo or Ne 10 - 2 pcs Andigin table. 1 mls. Nei 10 or papazot tablests Ne 10 or raunatin tablets 2 mg Nei 10 or dibazote table. 20 mg Nei 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical validation 19% 10 m x 5 m - 2 pc Sterile medical validation 19% 10 m x 5 m - 2 pcs Non-sterile medical cotton volo 12 g - 1 pcs Activated Antorola table. 20 g Nei 10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian intincture of 25 m of 30 ml - 1 pcs Captopress table N20 - 1 pcs Loperamide table. 2mg Nei 10 or Nei 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Steried restraing package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nei 10 - 2 pcs Hydrogen peroxide solution 3 % 40 ml - 1 pcs Bactericial patch - 2 pcs Sulfacile yeer drops 200 mg / ml or 300 mg // ml 10 ml or northoxaline yee and ear drops, 3 mg //ml, 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodec eye drops, 0.2 mg // ml 5 ml or opthibalmodece eye drops, 0.2	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 Analigin table: 0.5 g NN6 or NR 10 - 2 pcs Andjagin table: 0.5 g NN6 or NR 10 - 2 pcs Andjagin table: 0.5 g NN6 or NR 10 - 2 pcs Andjagin table: 1 mls NR-101 or papazot tablets NR 10 or raunatin tablets 2 mg NR-10 or dibazole table: 20 mg NR-10 - 2 pcs Anotystalisiquic acid table: 500 mg NR 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical sterile NR-10 sterile NR-1	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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1975 ORS_ ARXIVELIDAR_ 2000 Plamenthesian mends Medical core Peri del bis Medical core Medical core Peri del bis Medical core Medical core Peri del bis Medical core Medical	5754	070_UA03358104_0048	Humanitarian needs	Medical care First aid kits	vials - J pcs Analgin table. 0.5 g NBG or Ne 10 - 2 pcs Andigal - in tab. NB10 or passor bablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazolle table. 20mg Ne10 - 2 pcs Kerlyslagidir, acid table. 500 mg Ne 10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.00 g NBG or NB - 2 pc Diamond green alcohol solution 1% 10 ml, 15 ml or 20 ml - 1 pcs Validot tablets 0.06 g NBG or NB - 10 - 1 pcs Non-sterile medical totolom wool 25 g - 1 pcs Activated charcost 16b. 0.25 g NB - 10 valerian tincture of 25 ml or 30 ml - 1 pcs R10 - 2 pcs Valerian extract table. 0.02 g NB 50 or valerian tincture of 25 ml or 30 ml - 1 pcs (Eaptopress table NB20 - 1 pcs Loperamide table. 2mg NB10 or NB 20 - 1 pcs Medical rubber flieptip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Nb 10 - 2 pcs Hydrogen peroxido solution 3% 40 ml - 1 pcs Bactericidal patch - 2 pcs Sulfacil eyed riops 200 mg / ml or 300 mg / ml 10 ml or norfloxacia ney ex and ear drops, 3 mg / ml, 5 ml or ophthalmodec eyed riops, 0.20 mg / ml s ml or 30 ml y ml 10 ml or norfloxacia reversion (1 ml or 1 pcs Citramon tablets N6 or N810 - 2 pcs Citramon tablets N6 or N810 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	72		
West Price of Price of Price of State Price of Stat	5755	070_UA03358104_0049	Humanitarian needs	Medical care Medical tarpaulin frame stretchers		pcs	72		
Celts 35 cm, Wilder Service Control of a colors 50 cm. Ammonis solution for external use 10 kk do mil in whist - 1 per Annight notice. 5 g yellor or No. 10 - 2 g and 10 per Annight notice. 5 g yellor or No. 10 - 2 g and 10 per Annight notice. 5 g yellor or No. 10 - 2 g and 10 per Annight notice. 5 g yellor or No. 10 - 2 g and 10 per Annight notice. 5 g yellor or No. 10 per Annight notice. 5 g yellor or	5756	085_UA03361394_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - in tab. Ne10 or passor labelets Ne 10 or raunatin tablets 2 mg Ne10 or disazole table. 20mg Ne10 - 2 pcs Activisatiquific acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Anothesialipidic acid table. 500 mg Ne 10 - 2 pcs Diamond green alcohol solution 1½ 10 ml, 15 ml or 2.0 ml − 1 pcs Validot tabletes 0.0 6 g Ne6 or Ne 10 - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical cotton wood 12 pc - 1 pcs Nonsterile medical table. 0.02 g Ne 50 or valerian truture of 25 m or 30 ml - 1 pcs Captopress table Ne20 - 1 pcs toperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Nord 20 ml - 1 pcs Nord 20 ml - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets - 1 pcs Sterile dressing pckage - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen percode solution 3¼ 40 ml - 1 pcs Statercidial patch - 2 pcs Sulfacile yed drops 200 mg / ml or 300 mg / ml 10 ml or northoxacile mey and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 2.0 mg / ml s ml or 30 ml − 1 pcs Citramon tablets Nos for Ne10 - 2 pcs Instructions - 1 pcs Case or bag or thermal pack-	set	20		
visit - 1 pc.s. Analgen tables - 0.5 g Meto - 0.5 le 10 - 2 pc.s. Analgen tables - 10 pc.s. pages of tables to 9 1.0 or raumain tables 2 mg Met 10 or distance table. Since the 10 or raumain tables 2 mg Met 10 or distance table. Since the 2 mg Met 10 or distance table. Since the 2 mg Meto 10 or 10 mg meto 10	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		
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.	5758	079_UA32940082_0048	Humanitarian needs	Medical care First aid kits	vials - 1 pcs Analgin table. 0.5 g NeS or Ne 10 - 2 pcs Andigal - 1 tab. Ne10 or paparot tablets Ne 10 or raunatin tablets 2 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal - 1 mg Ne10 or dibazole table. 20mg Ne10 - 2 pcs. Ancigsal relief medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Diamond green alcohol solution 13/1 0 ml , 15 m or 20 ml - 1 pcs. Validid tablets 0.06 g Ne6 or Ne 10 - 1 pcs. Non-sterile medical cotton wool 25 g - 1 pcs. Activated charcoal table. 0.02 g Ne 50 or valerian tircum of 25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs Loperamide tables. 20 g Ne50 or valerian tircum of 25 ml or 30 ml - 1 pcs. Captopress table Ne20 - 1 pcs Loperamide table. 2 mg Ne10 or Ne 20 - 1 pcs Noredical tablets migratify a pcs. Solven or Ne20 - 1 pcs. Solven description 1 pcs. Noredical tablets migratify a pcs. Solven description 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 0 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Sateroid cables 10 pcs. 3/4 ml - 1 pcs. Cartorno 1	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		

5760	073_UA39460902_0048	Humanitarian needs	Medical care	First aid kits	Ammonia solution for external use 10% 40 ml in visis - 1 pcs Analgin table. 0.5 g N60 or Ne 10 - 2 pps Andigain in tab. Nel 10 or paparal tablest Ne 10 or raunatin tablest 2 mg Nel 10 or distancile table. 20 mg Nel 10 - 2 pcs Neon sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pcs Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical valued to 10 cm x 5 m - 2 pc Sterile medical valued va	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 Ne6 or Ne 10 - 2 pcs Andigin in table. 0.5 g Ne6 or Ne 10 - 2 pcs Andigin in table. 0.5 g Ne6 or Ne 10 - 2 pcs Andigin in table. 100 prapagato lablests Ne 10 or raunatin tablest 2 mg Ne10 or dilazole table. 20 mg Ne10 - 2 pcs Non-sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical bandage 10 cm x 5 m - 2 pc Sterile medical valido tablest 0.0 g Ne0 cm 10 - 1 pcs Non-sterile medical cotton vials 10 n 10 pcs Non-sterile medical cotton wool 25 g - 1 pcs Activated Arizonal table. 20 g Ne10 - 2 pcs Valerian extract table. 0.02 g Ne 50 or valerian tincture of 25 ml of 30 ml - 1 pcs Captopress table N20 - 1 pcs toperamide table. 2mg Ne10 or Ne 20 - 1 pcs Medical rubber fingertip - 1 pcs Nitroglycerin tablets 0.5 mg 40 tablets 1 pcs Steried (resting package - 1 pcs Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs Hydrogen perovide solution 3 % 40 ml - 1 pcs Bactericial patch - 2 pcs Sulfacil eyer drops 200 mg / ml or 300 mg / ml 10 ml or norfoxacin eye and ear drops, 3 mg / ml. 5 ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodec eye drops, 0.2 mg / ml s ml or optithalmodece eye drops, 0	set	10		
5763	086_UA32736800_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers	Overall dimensions: Length 220 cm, Length 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 valis - 1 pcs. Analgin table. 0.5 g Não or Ne 10 - 2 pcs. Andjain in tab. Ne 10 or apparato tablets Ne 10 or raunatin tablets 2 mg Ne 10 or dilazole table. 20 mg Ne 10 - 2 pcs. Andjain slavile state 1 table. 20 mg Ne 10 - 2 pcs. Andjainsliptic and table. 500 mg Ne 10 - 2 pcs. Short-strile medical bandage a 10 cm x 5 m - 2 pcs. Short-strile medical bandage a 10 cm x 5 m - 2 pcs. Sharmon green alcohol solution 13% 10 ml. 15 ml or 20 ml - 1 pcs. Non-strile medical tablets 0.06 g Né or Ne 10 - 1 pcs. Non-strile medical control wor 12 pc s 1 pcs. Activated charcos I table. 20 g Né 50 or valetian titucture of 25 ml of 20 ml - 1 pcs. Short-strile medical control wor 12 pc s 1 pcs. Activated charcos I table. 20 g Né 50 or valetian titucture of 25 ml of 20 ml - 1 pcs. Captopress table Ne 20 - 1 pcs toperamide table. 2 mg Né 10 or 10 20 - 1 pcs. 1 pcs medical muber fingerth p - 1 pcs. Nitroglycerin tablets 0.5 mg 40 Italiets - 1 pcs. Streid elessing package - 1 pcs. Paracetamol tablets. 0.2 g or 0.5 g Ne 10 - 2 pcs. Hydrogen peronds colution 3 % 40 ml - 1 pcs. Sactericodal parch - 2 pcs. Suffacil eyer drops. 200 mg / ml or 300 mg / ml 10 ml or northosach eye and ear drops, 3 mg / ml, 5 ml or ophthalmodec eye drops, 0.0 mg / ml 5 ml or 10 ml - 1 pcs. Citramon tablets No 6 or Ne 10 - 2 pcs. Instructions - 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		

5766	089_UA39258250_0048	Humanitarian needs	Medical care	First aid kits	vials - 1 pcs Analgile pcs Andiqual - in tal 10 or raunatin tal table. 20mg Ne 10 - 500 mg Ne 10	for external use 10% 40 min in table 0.5 g Ne 6 m 10 n 2 lb. Net 10 or papazol tablets Ne 10 n 2 lb. Net 10 or papazol tablets Ne 10 n 2 lb. Net 10 or papazol tablets Ne 10 n 2 lb. Net 10 or of lbszole - 2 pcs Acetylsalicylic acid tab. S m - 2 pcs Shorestien medical x 5 m - 2 pcs Shorestien medical x 5 m - 2 pcs Shorestien medical x 5 m - 2 pcs 10 n 2 lb. Net 10 l	set	10	
5767	089_UA39258250_0049	Humanitarian needs	Medical care	Medical tarpaulin frame stretchers		ns: Length 220 cm, Length of a ı, Width of a cloth 50 cm.	pcs	10	
5768	091_UA34032208_0146	Humanitarian needs	Household	washing of special clothes		Detergent	kg	100	
5769 5770	091_UA34032208_0147 091_UA34032208_0148	Humanitarian needs Humanitarian needs	Household Household	bleaching Disinfection		lorinated lime Blanidas 300	kg	50 12	
5771	091_UA34032208_0149	Humanitarian needs	Household	Hygiene		aundry soap	pcs pcs	50	
5772	091_UA34032208_0150	Humanitarian needs	Household	Hygiene		Cute toilet	pcs	100	
5773	091_UA34032208_0151	Humanitarian needs	Household	Hygiene		Liquid soap	I	15	
5774 5775	091_UA34032208_0152 091_UA34032208_0153	Humanitarian needs Humanitarian needs	Household Household	Hygiene napping		Toilet paper Santri Milam	pcs pcs	100 30	
5776	091_UA34032208_0154	Humanitarian needs	Household	napping		Whiteness	pcs	15	
5777	091_UA34032208_0155	Humanitarian needs	Household	napping		Cleaner	pcs	10	
5778 5779	091_UA34032208_0156	Humanitarian needs	Household	Hygiene		Shampoo	pcs	5 50	
5779	091_UA34032208_0157 091_UA34032208_0158	Humanitarian needs Humanitarian needs	Household Household	Hygiene napping		anitary pads ndow cleaners	pcs	3	
5781	091_UA34032208_0159	Humanitarian needs	Medical care	Medicines		olution 20 mg / ml №10	packaging		
5782	091_UA34032208_0160	Humanitarian needs	Medical care	Medicines	Mr. Dexalg	gin 50mg / 2 2ml Nº5	packaging	2	
5783	091_UA34032208_0161	Humanitarian needs	Medical care	Medicines	Sodium chlori	ride solution 0.9% 200ml	packaging	5	
5784	091_UA34032208_0162	Humanitarian needs	Medical care	Medicines		pilakt district 200ml	packaging		
5785	091_UA34032208_0163	Humanitarian needs	Medical care	Medicines		250 mg / 2 ml №10	packaging		
5786	091_UA34032208_0164	Humanitarian needs	Medical care	Medicines		tion for injection 20mg№5	packaging		
5787	091_UA34032208_0165	Humanitarian needs	Medical care	Medicines		atin tab. 8000 №50	packaging		
5788	091_UA34032208_0166	Humanitarian needs	Medical care	Medicines Medicines		yringes 20ml Syringes 2ml	packaging		
5789 5790	091_UA34032208_0167 091_UA34032208_0168	Humanitarian needs Humanitarian needs	Medical care Medical care	Medicines		Validol Ne10	packaging packaging		
5791	091_UA34032208_0169	Humanitarian needs	Medical care	Medicines	Tonometer (for bl	lood pressure measurement)	packaging		
5792	091_UA34032208_0170	Humanitarian needs	Medical care	Medicines		mechanical breathalyzer ap.Drager 6510 No1	packaging		
5793	091_UA34032208_0171	Humanitarian needs	Medical care	Medicines	Mr. Adrena	Nº1 aline 0.18% 1ml Nº 10	packaging		
5794	091_UA34032208_0172	Humanitarian needs	Medical care	Medicines	Metoprol	olol 25 mg №10 pills	packaging	2	
5795	091_UA34032208_0173	Humanitarian needs	Medical care	Medicines	Streptoci	ide pill 500mg №10	packaging	3	
5796	091_UA34032208_0174	Humanitarian needs	Medical care	Medicines	Metoclopran	mide 10 mg / 2 ml №10	packaging	1	
5797	091_UA34032208_0175	Humanitarian needs	Medical care	Medicines	Activate	ted carbon 250 mg	packaging	5	
5798	091_UA34032208_0176	Humanitarian needs	Medical care	Medicines	Acetylsalicy	cylic acid 500 mg Ne10	packaging	5	
5799	091_UA34032208_0177	Humanitarian needs	Medical care	Medicines		solution 10 mg / ml 1.0 №10	packaging		
5800	091_UA34032208_0178	Humanitarian needs	Medical care	Medicines		tussin pills №10	packaging		
5801	091_UA34032208_0179	Humanitarian needs	Medical care	Medicines		in100 mg / ml amp.2 ml №10	packaging		
5802	091_UA34032208_0180	Humanitarian needs	Medical care	Medicines	Glucose Darnitsa 4	400 mg / ml amp 20ml Nº10	packaging	4	

5803	091_UA34032208_0181	Humanitarian needs	Medical care	Medicines		Deactin powder 1 kg		packagi	ina	10		
5804			Medical care	Medicines		Napkins medical gauze sterile Nº1			9	1	_	+
	091_UA34032208_0182	Humanitarian needs						packagi	9		_	
5805	091_UA34032208_0183	Humanitarian needs	Medical care	Medicines		Furagin table. 50mg №30		packagi	-	2		
5806	091_UA34032208_0184	Humanitarian needs	Medical care	Medicines		Decasan district 200ml		packagi	ing	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	25	00		
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 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		4	_	+ + +
5659	093 UA32087941 0012	Equipment		Machinery	Devices and tools	Repair kit for the CNS pump 180x255		255 m set		4	_	+
5059	093_0A32067941_0012	Equipment	Pumping equipment	Maclinery	Devices and tools	Repair kit for the CNS pullip 160x255				*	_	
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	7	50		
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	3	60		
5662	093_UA32087941_0015	Equipment	Materials	Supplies		Round coniferous forest		Ø 14-24 cm, length 2-4 m m3	12	00		
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 VP Capital Mine		1		
5664	093_UA32087941_0017	Equipment				repairs		Repair of the electric drive of the complex terristic converter of a direct current		1		
5665 5666	093_UA32087941_0018 093_UA32087941_0019	Equipment Equipment				repairs repairs		Overhaul of the BAO2-560 electric motor pcs Overhaul of the BAO2-560 electric motor pcs		2		
5667	093_UA32087941_0019	Energy resources	liquid	Fuels and lubricants	Diesel fuel	Diesel fuel	-	- 1	30	000		
5668 5669	093_UA32087941_0021 093_UA32087941_0022	Energy resources Energy resources	liquid liquid	Fuels and lubricants Fuels and lubricants	petrol Olive	A92 petrol Olive	Fuel Olive	A92 petrol I Transmission oil TAD-17i I	45	000	$-\!\!\!\!\!+\!\!\!\!\!-$	
5670	093_UA32087941_0023	Energy resources	liquid	Fuels and lubricants	Olive	Olive	Olive	Industrial oil IGP-72	20			
5671 5672	093_UA32087941_0024 093_UA32087941_0025	Energy resources Energy resources	liquid liquid	Fuels and lubricants Fuels and lubricants	Olive Olive	Olive Olive	Olive Olive	Industrial oil IGP-38 I Industrial oil I-40A I	60		+	+
5673	093_UA32087941_0026	Energy resources	liquid	Fuels and lubricants	Olive	Olive	Olive	Transformer oil T-1500	20	000		
5674 5675	093_UA32087941_0027 093_UA32087941_0028	Energy resources Energy resources	liquid liquid	Fuels and lubricants Fuels and lubricants	Olive Olive	Olive Olive	Olive Olive	Compressor oil KS-19 I Motor oil M10G2k I	50	000		
5676	093_UA32087941_0028	Energy resources	liquid	Fuels and lubricants	Olive	Oil	Oil	Transmission oil Shakhtol-U	30			
5677	093_UA32087941_0030	Energy resources	liquid	Fuels and lubricants		Oil	Oil	Litol oil -24	10	000		
5678	093_UA32087941_0031	Energy resources	liquid	Fuels and lubricants		Oil	Oil	Solidol Fat grease	10	000	-	
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 pcs pressure 7 atm.		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	1	60		
5683	106_UA32323256_0005	Equipment				repairs		Overhaul of DM racks with replacement of the rack unit 1KD-80.13.07.060-03	2	00		
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		

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_0010	Equipment		Machinery		Starter PVIT-03MP, or similar			pcs	5	
5696	106_UA32323256_0017	Equipment		Machinery		Starter PVIT-250MB, or similar			pcs	4	
5697	106_UA32323256_0016			Machinery							
5698	106_UA32323256_0019	Equipment				Starter PVIT-320MV, or similar			pcs	2	
5698	106_UA32323256_0020	Equipment		Machinery		Apparatus ASHT-P-4, or similar			pcs		
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 5706	106_UA32323256_0027 106_UA32323256_0028	Equipment Equipment	Electrical Electrical	Supplies Supplies	cable cable	Cable KTPEPShv 20x2x0.7, or similar KSSH cable 1x4x0.6, or similar			m	2000	
5706	106_UA32323256_0028	Equipment	Electrical	Supplies	cable	KSSH Cable 1x4x0.6, 0i siifiliai			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, ()			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	-		i	75000	
5718	106 UA32323256 0040	Energy resources	liquid	Fuels and lubricants	petrol	A92 petrol	Fuel	A92 petrol		20000	
5719	106 UA32323256 0041	Energy resources	liquid	Fuels and lubricants	pour.	Liquefied gas	0	Liquefied gas		1000	
5720	106_UA32323256_0042	Equipment	Mechanical equipment	Supplies		Chain two-link scraper d18x64C-15x2		Enqueriou gao	m	1000	
5721	106 UA32323256 0043	Equipment	Mechanical equipment	Supplies		RVL 100 roller support 127x530-2			pcs	500	
5722	106_UA32323256_0045	Equipment	Mechanical equipment	Supplies		RVL 100 roller support 127x355-3			pcs	1000	
5723	106_UA32323256_0044	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_0017	Humanitarian needs	Medical care	First aid kits	Dackup power plants	First aid kits	First aid kit	0.20	pcs	200	
5727	111_UA30019775_0018	Equipment	Electrical	I li at did nita		Satellite communication set	r not and the		pcs	10	- -
5728	111_UA30019775_0019	Equipment	Electrical			Satellite Internet Kits (StarLink)			pcs	35	- -
5729	111_UA30019775_0020	Equipment	Electrical	Civil protection equipment		Walkie-talkies	1	10-20 km	pcs	200	
5730	111_UA30019775_0021	Equipment	Electrical	Civil protection equipment Civil protection equipment		Explosion-proof lanterns	1	10-20 KIII	pcs	200	
5731	111_UA30019775_0022	Humanitarian needs	Medical care	Own protection equipment		Gel batteries		12V, 150A	pcs	100	- -
5732	111_UA30019775_0023	Humanitarian needs	Protection	Civil protection equipment		Body armor	1	Body armor (lightweight type)	pcs	950	
5733	111_UA30019775_0024	Humanitarian needs	Protection	Civil protection equipment Civil protection equipment	Personal protection equipment	Kevlar helmet	1	Armored helmet	pcs	950	
5734	111_UA30019775_0026	Humanitarian needs Humanitarian needs	Protection	Civil protection equipment Civil protection equipment	Personal protection equipment Personal protection equipment	Gas masks	1	Insulating gas mask		150	
5735	111_UA30019775_0026 111_UA30019775_0027	Humanitarian needs Humanitarian needs	Protection Protection	Civil protection equipment Civil protection equipment	Personal protection equipment Personal protection equipment	Gas masks 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	Inte nded use of	Urge ncy of	Deadline for	URL link to the description		Use of the	Comments (justification of the
5		24	assistance to	of the equipment, energy	website link)	equipment, energy	need for assistance) 30
22	Emergency reserve	Urgent	01.05.2022	https://polycar.com.ua/news/1 486-avm-isuzuukr/	SPETS-KOM-SERVIS LLC Ukraine, Kylv, Petropavlivska Borshchahivka village, Velyka Kiltseva Street 4-N. Phone (098) 55 111 55	Z8 To ensure the transportation of line crews	JSC "Khmelnitskoblenergo" 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	https://powertool.com.ua/proti vogazy-panoramnye/4126- panoramnyj-protivogaz-ppm-88 s-filtrom-22b22k23d- ammiak.html	PowerTool Company Ukraine Kharrkiv, 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 "Khmelnitskoblenergo" 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 W1200 "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	https://comtrade.ua/icom-ic- f16/	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 "Khmelnistkoblenergo" 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 Khmelnysky Regional State Administration dated 31.05.2018 Ne 488/2018-R" On the formation of civil detense formations'
	Emergency reserve	Urgent	01.05.2022	https://ks-power.com.ua/diesel- generators-heavy-duty/ks-14- 1de-atsr/	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	https://ks- power.com.ua/gasoline-ks- series-generators/ks-7000e/	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	https://pan- sportsmen.com.ua/ua/p146911 5410-fonar-karmannyi- svetodiodnyi.html	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 No 488/2018-R "On the formation of civil defense formations"
	Emergency reserve	Urgent	01.05.2022	https://fireequipment.prom.ua/ ua/p511119004-grupovij- akumulyatornij-lihtar.html	"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 Ne 488/2018-R "On the formation of civil defense formations"
	Emergency reserve	Urgent	01.05.2022	https://www.gaydamak.com.ua /uk/ukrainskii-sutochnyi-suhpaj- pirjatin-sua_24_1-ru	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	https://www.skz.net.ua/UA/%D 1%84%D0%B2%D1%83	WEBCOM LLC 03115, Ukraine, Kyiv, Peremohy Avenue, 91 t. +380442236269	For the equipment of protective structures of the Central Committee with filter ventilation systems	DBN B.2.2-5-97 Protective structures of civil defense. Buildings and structures.
	Emergency reserve	Urgent	01.05.2022	https://lviv.prom.ua/p14642313 05-dizelnaya-elektrostantsiya- 90b.html?&primelead=My45	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, DVEM, LOC and power grid areas)	To ensure emergency power supply of critical infrastructure of the distribution system (base, DVEM, LOC and power grid areas)

Emergency reserve	Urgent	01.05.2022	https://avpharma.com.ua/aptec hka-taktichna-individualna-av- farma/.	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 kils. In the case of combat missions (martial law) It is necessary to provide emergency teams to provide first aid. Order of the Khmelnysky Regional State Administration dated 31.05.2018 № 488/2018-R *Con the formation of civil defense formations*
Emergency reserve	Urgent	01.05.2022	Individual anti-chemical package IPP-11: sale, price in Kiev, Antidotes from "PHARMEDALANS T. PHARMACES IN UKRAINE" - 208804043 (aptechk.in.ua)	LLC "Pharmmedalliance" st. Serhiy Yesenina, 1, kyiv, Ukraine tel. +380 (44) 227-03 25	For the prevention of skin- resorptive lesions by liquid- liquid polsonous and chemically hazardous substances through exposed areas of the skin, as well as for degaszing 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 Net 488/2018-R* On the formation of civil defense formations (at the rate of 4 packages per person)
Emergency reserve	Urgent	01.05.2022	https://euroservis.com.ua/ogne tushitel-uglekislotnyii-ou-40- yognegasnik-vuglekislotniji-vvk- 28-000013459.html/	"EUROSERVICE" FIRE UNION Kyjv, 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 Na25 of January 15, 2018 "Rules of operation of fire extinguishers. Standards of affiliation"
Emergency reserve	Urgent	01.05.2022	https://kievguma.com.ua/ua/p1 237983823-perchatki-rezinovye- dielektricheskie.html	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	https://kievguma.com.ua/ua/p1237 983827-boty-dielektricheskie- 322.html	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 hostillites. The need is caused by the lack of a defender of means, which is caused by their damage during their operation during emergency receivery work. The Ukrainian manufacturer has stopped production due to hostillites.
Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/uk azateli-napriazhenija- kontaktnogo-tipa-s- kombinirovannoj-indikaciej- jekivolta-6-20k-i-lekivolta-20- 35k-bez-vstroennogo-istochnika jelektropitanija/	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	http://ekipage.com/product/uk azateli-napriazhenija- kontaktnogo-tipa-do-1-kv- jekitest/	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 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	http://ekipage.com/product/zazeml enija-perenosnye-dlja-vozdushnyh- linij-zpl/	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 Utzainian manufacturer has stopped production due to hostilities.

Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/zazeml enija-perenosnye-dija-vozdushnyh- linij-zpl/	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 defended or lanes, which is caused by their damage during their operation during emergency recovery work. The Ukrailian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	http://www.lizo.lviv.ua/producti on-left/instrumenti- sip/zazemlennya-perenosne-0-4 kv-dlya-izolovanih-provodiv	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 envolve. The Ukrainian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/zazeml enija-perenosnye-dlja-vozdushnyh- linij-zpl/	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 discusptions 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 envolve. The Ukrainian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://level.com.ua/catalog/p oyasa-lyamochnye- kombinirovannye/poyas- lyamochnyy-kombinirovannyy- plk4.html	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 failing from a height during the elimination of technological disruptions in the networks of the SNF for the period of hostilities. The need is caused by the lack of a defended or lomans, which is caused by their damage during their operation during emergency receivery work. The Ukrainian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://level.com.ua/catalog/lazy- montyerskie-kogti-gaffy/lm-3u-ship- tverdosplavnyy.html	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	https://ziminfo.com/stremyanki .html#anchor	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	https://epicentrk.ua/ua/shop/n abor-otvertok-montero-mn- 20630.html	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	https://epicentrk.ua/ua/shop/fonar- prozhektornyy-grilland-zk2129- chernyy.html	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	https://epicentrk.ua/ua/shop/ochki zashchitnye-delta-plus-galervi.html		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 mean, which is caused by their damage during their operation during the emperative recovery work. The Ukrainian supplier stopped its production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://epicentrk.ua/ua/shop/kaska delta-plus-quarlja.html	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	https://kievguma.com.ua/ua/p1237 983828-kovrik-dielektricheskij- 500x500.html	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 energy work. The Ukrainian manufacturer has stopped production due to hostilities.

Emergency reserve	Urgent	01.05.2022	https://www.husqvarna.com/ua /zasobi-individual-nogo-zakhistu ziz/#robochii-odiag	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	https://uea.com.ua/product/tm g-oil-transformers	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	https://uea.com.ua/product/tm g-oil-transformers	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	https://uea.com.ua/product/tm g-oil-transformers	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- vimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- yimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- vimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	https://uea.com.ua/product/tm n	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	https://uea.com.ua/product/tm n	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120	To provide 110/35/10 kV substation on the 35 kV side	For the reserve of 35 kV substation "Lisovy Hrynivtsi" from which part of the city of Khmelnytsky is fed.
Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/product/tm n	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 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	http://eliz.zp.ua/transformators- power/	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	http://eliz.zp.ua/transformators- power/	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	http://eliz.zp.ua/transformators- power/	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	http://eliz.zp.ua/transformators- power/	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.

Emergency reserve	Urgent	01.05.2022	http://eliz.zp.ua/transformators	LLC "ELIZ" 69093, Zaporozhye, street Zvenigorodskaya, 9	To provide 110/35/10 kV substation on the 110 kV side	For the reserve PS-110 "IPP" which feeds a large part of the city of Starokostiantyniv.
Emergency reserve	Urgent	01.05.2022	http://eliz.zp.ua/transformators power/	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	http://eliz.zp.ua/transformators power/	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	https://docplayer.com/7687051 9-Ltb-145d-1-b-nominalnye- napryazheniya-nominalnyy-toe- nominalnyy-toe- otelyucheniya.html	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	https://sbk.ltd.ua/uk/metalevi- opori-lep/7-metallicheskie- opory-lep-35-kv-vl-110-kv- ankernye-elektricheskie-opory- vl.html	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	https://sbk.ltd.ua/uk/metalevi- opori-lep/7-metallicheskie- opory-lep-35-kv-vl-110-kv- ankernye-elektricheskie-opory- vl.html	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	https://sbk.ltd.ua/uk/metalevi- opori-lep/7-metallicheskie- opory-lep-35-kv-vl-110-kv- ankernye-elektricheskie-opory- vl.html	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	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	PJSC "Odessa Cable Plant" Odeskabel ": Mykolaivska road, 144, Odesa	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	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	PJSC "Odessa Cable Plant" Odeskabel ": Mykolaivska road, 144, Odesa	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	https://odeskabel.com/ua/prod ucts/kabeli- silovve/neizolirovannye- provoda/provod- neizolirovannyj- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	PJSC "Odessa Cable Plant" Odeskabel ": Mykolaivska road, 144, Odesa	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	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	PJSC "Odessa Cable Plant" Odeskabel ": Mykolaivska road, 144, Odesa	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	https://www.foxtrot.com.ua/ru/ shop/noutbuki lenovo thinkpa d-e15-20rd001ert.html	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	https://www.moyo.ua/printer- lazernyy-canon-i-sensys- lbp226dw-c-wi-fi/463985.html	Canon Ukraine LLC	For printing documents	For printing documents
Emergency reserve	Urgent	01.04.2022	https://prom.ua/p1136052858- broneshlem-kevlarovyj- kaska.html	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	https://pancer.com.ua/bron/br onezhilet-4-klass-zashity-disi	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	https://rehamed.in.ua/portativn iy-avtomaticheskiy-narugniy- defibrillyator-powerheart-aed- g3-pro-uk.html	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	https://ortosalon.ua/ua/medici nskaya-aptechka-pervoj- pomoshi-proizvodstvennaya- mobil/geciid=CjwKCAIAjoeRBhAJ EiwAYY3nDBI21PLITT4jg75nNH zSiOuZoBRU1k_XUJKWICOp	Pharmmedalliance 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 'Kmelnitskoblenergo' is not sufficiently provided with first aid due to lack of medicines from suppliers.
Emergency reserve	Urgent	01.05.2022	https://patriotshop.com.ua/ua/ dzhgut-turniket-krovospinnij- spas-2016	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	https://ru.liyond.com/kyn28a- 12gzs1	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 "Prybuzka" from which a large part of the city of Khmelnytsky is fed.
Emergency reserve	Urgent	01.05.2022	https://ru.liyond.com/kyn28a- 12gzs1	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 "Prybuzka" from which a large part of the city of Khmelnytsky is fed.
Emergency reserve	Urgent	01.05.2022	https://ru.liyond.com/kyn28a- 12gzs1	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 "Prybuzka" from which a large part of the city of Khmelnytsky is fed.
Emergency reserve	Urgent	01.05.2022	https://ru.liyond.com/kyn28a- 12gzs1	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	https://ru.liyond.com/kyn28a- 12gzs1	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	https://ru.livond.com/kvn28a- 12gzs1	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	https://www.nrec.com/ru/index .php/product/productInfo/56.ht .ml	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 deafgrounded, grounded through resistance, grounded through resistance, grounded through resistance, grounded through resistance, grounded through 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	https://electric.gjy168.com/offe r/158907034.html	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.

Emergency reserve	Urgent	01.05.2022	https://www.nrec.com/ru/index .php/product/productinfo/63.ht ml	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 "Pribuxka" 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	https://www.nrec.com/en/inde x.php/product/productinfo/210. html	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	https://acprivod.com.ua/produk tsiya/panel-rs-485/	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	https://www.starlink.com/	https://www.starlink.com/	For the organization of satellite Internet	Providing reliable access to the Internet in martial law and emergencies
Emergency reserve	Urgent	01.05.2022	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/as_50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://hzb.com.ua/ferroconcre tes/stoyaki-zalizobetonni- poperedno-napruzheni	TDV "Khmelnitskyzalizobeton", Khmelnitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconc retes/stoyaki-zalizobetonni- 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	https://volten.com.ua/ua/p146 98045-izolyator-shf.html	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/a/a_50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/a/a_35/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://hzb.com.ua/ferroconcre tes/stoyaki-zalizobetonni- poperedno-napruzheni	TDV "Khmelnitskyzalizobeton", Khmelnitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconc retes/stoyaki-zalizobetonni- 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	https://www.zka.com.ua/page/ mufta-stp-10	"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	https://www.zka.com.ua/page/ mufta-stp-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-stp-10	(https://www.zka.com.ua/) "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	https://www.zka.com.ua/page/ mufta-kntp-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-kntp-10	(https://www.zka.com.ua/) "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	https://www.zka.com.ua/page/ mufta-kntp-10	"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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reserve	Urgent	01.05.2022	mufta-kvtp-10	Annunciation 172, room 7. (https://www.zka.com.ua/)	networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-kvtp-10	Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-kvtp-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-pkvtp-6-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-pkvtp-6-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-stp-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-1pkvt-10	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7.	Repair of 10 kV electrical networks	For repair of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://ukrprovod.com.ua/kabel _provod/alyuminievyi_kabel_aa _bl	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	Repair of 10 kV electrical networks	For repair of 0.36 km of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/production/catalog/neizolirovannie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/g roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	Repair of 10 kV electrical networks	For repair of 0.24 km of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-stp-1	"Cable Fittings Plant" Cherkasy, street Annunciation 172, room 7. (https://www.rka.com.ua/)	Repair of 0.4 kV electrical networks	For repair of 0.4 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-kntp-1	"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 reserve' Urgent Emergency reserve Urgent Emergency reserve Urgent Emergency Urgent	reserve' Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency Urgent 01.05.2022 Emergency reserve Urgent 01.05.2022 Emergency Urgent 01.05.2022	Emergency Urgent 01.05.2022 https://www.xka.com.ua/page/mufta-kvtp-10	Emergency	Emergency Urgent 01.05.2022 https://www.na.com.ua/genzy mufta-bids-10 mu	

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Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x120/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x95/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x70/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x35/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x25/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-kntp-1	"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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/oil-transformers)	Repair of electric networks 10-0.4 kV	To reserve a 160 kVA transformer during martial law

Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/pa neli-raspredelitelnyh-schitov- scho	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://promenergogrup.com.u a/ua/p40274600-izolyator-ipt- 250.html	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	https://elektro- zavod.com.ua/izolyator-ipt- 1250-01	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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#pb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#pb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	http://zkz.ua/ru/winding- wire#apb	"Zaporozhye Cable Plant" ул. 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-60S-63-3r-63a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-1005-100-3r- 100a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-250S-160-3r- 160a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sii ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-2505-200-3r- 200a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sii ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-ilitom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-250S-250-3r- 250a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc vye-avtomaticheskie- vyklyuchateli-v-ilitom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-4005-400-3r- 400a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sii ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silc yve-avtomaticheskie- yykiyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vykiyuchatel-e- industrial-ukm-630S-630-3r- 630a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kylvska, 27A, building B (https://enext.ua/uk/catalog/sii ovye-avtomaticheskie- 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	https://electrolend.com.ua/ua/ p689398422-rubilnik-rpb- 100a.html	"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	https://electrolend.com.ua/ua/ p124531612-rubilnik-rps- 100a.html	"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	https://electrolend.com.ua/ua/ p124531612-rubilnik-rps- 100a.html	"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	https://electrolend.com.ua/ua/ p124531612-rubilnik-rps- 100a.html	"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	https://electrolend.com.ua/ua/ p689398472-rubilnik-rpb- 250a.html	"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	https://electrolend.com.ua/ua/ p124531668-rubilnik-rps- 250a.html	"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	https://electrolend.com.ua/ua/ p689398514-rubilnik-rpb- 400a.html	"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	https://electrolend.com.ua/ua/ p124531725-rubilnik-rps- 400a.html	"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	https://electrolend.com.ua/ua/ p124530686-rubilnik-rpb- 630a.html	"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	https://electrolend.com.ua/ua/ p124531772-rubilnik-rps- 630a.html	"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	https://electrolend.com.ua/ua/ p689398638-rubilnik-rpb- 1000a.html	"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	https://electrolend.com.ua/ua/ p689398729-rubilnik-rpb- 1600a.html	"Electroland" Novobilichi, Kylv, 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	https://yvabkin.com.ua/viklyuch atel-razedinitel-re19-41-31150- 00-uhl3-ru-a-korenevo- 2031150032/p202456/	"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	https://zvabkin.com.ua/viklyuch atel-razedinitel-re19-41-31150- 00-uhl3-mva-korenevo- 2031150032/p202456/	"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	https://vikant.com.ua/ua/catalo g/krugi	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/list	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/list	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/uglovaja_stal	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	https://vikant.com.ua/ua/catalo g/uglovaja_stal	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	https://vikant.com.ua/ua/catalo g/krugi	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/krugi	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/strip	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 https://opendatabot.ua/c/249 42675 (https://opendatabot.ua/c/249 42675)	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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj 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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 OKKO BUSINESS PARTNER	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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 OKKO BUSINESS PARTNER	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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj 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	http://ukravtogaz.com/more/pr irodnij-gaz-metan.html	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	https://rozetka.com.ua/ua/106 462149/p106462149/	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	https://rozetka.com.ua/ua/127 376477/p127376477/	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	https://prom.ua/ua/p89362468 3-maslo-motornoe- dizelnoe.html	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	https://avega.ua/neizolirovanny y-golyy-provod/provod-a-35	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	https://avega.ua/neizolirovanny y-golyy-provod/provod-as-50h8	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	https://avega.ua/neizolirovanny y-golyy-provod/provod-as- 95h16	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	https://vse-e.com/provod-sip-4- 425	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	https://vse-e.com/provod-sip-4- 435	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	https://vse-e.com/provod-sip-4- 450	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	https://tsk.com.ua/ua/p120302 53-opora-lep.html	TDV "Ternopil Plant ZBK" tzzk@ukrpost.ua	For emergency recovery work	For emergency recovery work
Emergency	Urgent	01.05.2022	https://tsk.com.ua/ua/p120302	TDV "Ternopil Plant ZBK"	For emergency recovery	For emergency recovery work
reserve Emergency reserve	Urgent	01.05.2022	54-opora-lep-105.html https://asenergi.com/catalog/iz olyatory/tf-20.html	tzzk@ukrpost.ua LLC "TC" Promenergotreid "mail@promenergotreid.com	work For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://asenergi.com/catalog/iz olyatory/shf-20g.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://amperia.com.ua/ua/p70 4166475-natyazhnoj-zazhim- gukp4.html	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	https://amperia.com.ua/ua/p70 2553372-otvetvitelnyi-zazhim- ttd.html	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	https://amperia.com.ua/ua/p70 7042485-prokalyvayuschie- zazhimy-ttdc.html	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	https://amperia.com.ua/ua/p70 5461904-podderzhivayuschij- zazhim-psp.html	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	https://amperia.com.ua/ua/p93 8340372-traversa-tm1.html	AZA TERNOPIL LLC	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://amperia.com.ua/ua/p93 8393889-traversa-tm3.html	AZA TERNOPIL LLC	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://elektrovoz.com.ua/ua/k riplennya-pidkosa-pid-oporu-sv- 105.html	AZA TERNOPIL LLC	For emergency recovery work	For emergency recovery work

Emergency	Heart of	01.05.2022	https://prom.ua/ua/p2297657-	AZA TERMORU II C	For emergency recovery	F
reserve	Urgent		homut-h12.html https://kruks.com.ua/ua/p2663	AZA TERNOPIL LLC	work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	2125-ogolovok.html	AZA TERNOPIL LLC Volten Research and	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p151 18405-zazhim.html	Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p151 18449-zazhim.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p152 05730-zazhim.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p152 05763-zazhim.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p152 06531-zazhim.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p229 781559-skoba.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p229 756823-skoba.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p152 03847-zveno-promezhutochnoe- prt.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p150 93542-ushko.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p150 95997-ushko.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p150 50627-serga.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p151 02235-zazhim-pgn.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p151 02373-zazhim-pgn.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p151 18293-zazhim-nkk.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://vse-e.com/kabel-silovoj- avvg-450	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	https://vse-e.com/kabel-silovoj- avvg-470	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	https://vse-e.com/kabel- vysokovoltnyi-aabl-3x50-10	LLC "ENCO" 01013, Kyiv, street Building Industry, 5	For emergency recovery work	For emergency recovery work
Emergency	Urgent	01.05.2022	https://vse-e.com/kabel- vysokovoltnyi-aabl-3h70-10	oenko@voliacable.com 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	https://vse-e.com/kabel- vysokovoltnyi-aabl-3h95-10	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	https://vse-e.com/asbl-10-3120	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	https://vse-e.com/asbl-10-3150	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	https://tf- k.prom.ua/ua/p477494813- kontsevaya-mufta-knttp.html	HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil https://hard- soft.com.ua/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://tf- k.prom.ua/ua/p477293657- soedinitelnaya-mufta-sttp.html	HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil https://hard- soft.com.ua/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://sicame.ua/index.php?ro ute=product/product&product_i d=284	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	https://amperia.com.ua/ua/p85 1346408-mufta-soedinitelnaya- termousazhivaemaya.html	HARDSOFT LLC, st. B. Khmelnytsky, building 23. Ternopil https://hard- soft.com.ua/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	http://www.sep.ho.ua/index-2- opnn022.html	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	https://tfzm.com.ua/magazin/p roduct/ogranichitel- perenapryazheniya-opn-p-0-4-0- 45-5-300-uhl1	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	https://amperia.com.ua/ua/p56 2755382-razryadnik-rvo.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrocontrol.com.ua/a ytomaticheskie- vyklyuchateli/avtomaticheskii- vykluchatel-va-77-1-125-3r-63a- 25ka-electro-00000028	PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrocontrol.com.ua/a vtomaticheskie- vyklyuchateli/avtomaticheskii- vykluchatel-va-77-1-250-3r- 100a-25ka-electro-00000041	PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrocontrol.com.ua/a vtomaticheskie- vyklyuchateli/avtomaticheskii- vykluchatel-va-77-1-250-3r- 160a-25ka-electro-00000043	PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrocontrol.com.ua/a vtomaticheskie- vyklyuchateli/avtomaticheskii- vykluchatel-va-77-1-250-3r- 250a-25ka-electro-0000046	PE "INTER ELECTRO LIFE" tender@ibc.kiev.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrokom.kiev.ua/ua/p roduct/rubilnik-rps-2	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://electrokom.kiev.ua/ua/p roduct/rubilnik-rps-4	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://strumok.kiev.ua/predoh ranitel-pn2-100a.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://strumok.kiev.ua/predoh ranitel-pn2-250a-plavkaja- vstavka.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://strumok.kiev.ua/predok hranitel-pn2-400a.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/product/tm g-oil-transformers	LLC "Ukrelektroaparat https://uea.com.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/product/tm g-oil-transformers	LLC "Ukrelektroaparat https://uea.com.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/product/tm g-oil-transformers	LLC "Ukrelektroaparat https://uea.com.ua	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://prom.ua/ua/p95649082 8-razedinitel-rInd-10400.html	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
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Emergency reserve	Urgent	01.05.2022	https://prom.ua/ua/p2295519- rozyednuvach-rind- 10630u1.html?&primelead=MS 4xNg	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://e- energo.com.ua/visokowalt/pred ohranitelpk-10-vyisokovoltnyiy kvartsevyiy-10kv/	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://www.electrotochka.com _ua/pn-011-10-u3	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://www.electrotochka.com .ua/pn-011-10-u3	LLC "TC" Promenergotreid "mail@promenergotreid.com	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	http://www.em.dn.ua/iz/farfor/ star/oporn/oma-10.htm	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	http://es- ukraine.com/index.php?option= com content&view=article&id= 203:vacuumnie-viklyuchateli-vi- yh&catid=23:oborudovanie-na- srednee- naprjazhenie<emid=154	LLC "Electric Systems of Ukraine" Kyiv	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	http://energosfera.org.ua/transf ormatory/izmeritelnye- transformatory-toka/litye- izmeritelnye-transformatory- toka-10ky/transformator-tpl- 10.html	Alpha Generation LLC	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	http://energosfera.org.ua/transformatory/izmeritelnye- transformatory- napryazheniya/trekhfaznye- masiyanye-izmeritelnye- transformatory-napryazheniya- 10ky/transformator-nami- 10.html	PJSC "Zaporizhtransformator"	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p149 01957-izolyatory-prohodnye- ipu.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://voltten.com/znom-35- transformator-napryazheniya- izmeritelnyi-maslyanyi- zazemlyaemyi/	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://voltten.com/nkf-123-ii- nkf-110-ii-transformator- napryazheniya-izmeritelnyi- maslyanyj-kaskadnyj/	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://volten.com.ua/ua/p147 67043-izolyatory-ios-110.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.05.2022	https://ukrspecmasla.com/ua/p 1499823-maslo- transformatornoe-1500.html	TD Ukrspetsmasla	For emergency recovery work	For emergency recovery work
Emergency reserve	Urgent	01.06.2022	http://www.ztr.ua/ua/products	PJSC "Zaporizhtransformator"	For the reserve of 35 kV substations, which are located in the cities of regional subordination in the Ternopil region.	For the reserve of 35 kV substations, which are located in the cities of regional subordination in the Ternopil region.
Emergency reserve	Urgent	01.06.2022	http://www.ztr.ua/ua/products	PJSC "Zaporizhtransformator"	For the reserve of 110 kV substation (city ring) of Ternopil, Ternopil region.	For the reserve of 110 kV substation (city ring) of Ternopil, Ternopil region.
Emergency reserve	Urgent	01.06.2022	http://www.ztr.ua/ua/products	PJSC "Zaporizhtransformator"	For the reserve of 110 kV substations located in cities and towns (former district centers) of Ternopil region.	For the reserve of 110 kV substations located in cities and towns (former district centers) of Ternopil region.
Emergency reserve	Urgent	01.04.2022	https://ks-power.com.ua/diesel- generators-heavy-duty/ks-14- 1de-atsr/	TECHNO TRADE KS Company	To ensure emergency power supply of critical infrastructure of the distribution system	To ensure emergency power supply of critical infrastructure of the distribution system

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Emergency reserve	Urgent	01.06.2022	http://www.rzva.ua/ua/produkcjija/komplektni-transformatorni- pidstancii 1472626257/element i-pidstancii 1472626175/krpz- 10 1472625665.htm	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	https://new.abb.com/se/om- abb/kontakt	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	https://www.okko.ua/fuels	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	https://www.okko.ua/fuels	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	https://www.okko.ua/fuels	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	https://www.okko.ua/fuels	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	https://rozetka.com.ua/ua/106 462149/p106462149/	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	https://rozetka.com.ua/ua/127 376477/p127376477/	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	https://prom.ua/ua/p89362468 3-maslo-motornoe- dizelnoe.html	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	https://thk.kiev.ua/product/brig adnyi-avtomobiltk-iv-arm-na- shassi-iveco-daily-55-sw	SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borshchahivka 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	https://thk.kiev.ua/product/sam osval-dongfeng-dfh-5120-1200- mm	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	https://avtek.ua/ua/p-ford- trucks-1848t	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
Restoration	Urgent	05/01/2022	http://www.autokraz.com.ua/in dex.php/uk/produktsiya/autom obile/civil/bortovi/item/1405- kraz-65053	street Kyivska, 62, Kremenchuk, Ukraine, 39631 (0536) 766-200	Transportation of materials, household goods, transformers for the needs of the Company	replaced. 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	https://alfateks.com.ua/katalog- texniki/socage/avtovyshki- socage/avtogidropodyomnik- t318-na-shassi-iveco-daily/	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	https://alfateks.com.ua/katalog- texniki/socage/avtovyshki- socage/avtogidropodyomnik- socage-32di/	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	https://cml.ua/product/budivel na-tekhnika/ekskavatory- navantazhuvachi/4-cx- sitemaster/	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	https://patriottekhnika.com.ua/ g60341826-dizelnyi-generator- baze	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	http://www.ztr.ua/	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 of the equipment is specified.
Restoration	Urgent	05/01/2022	http://www.ztr.ua/	0	Restoration of power supply	As of 11.03.2022 on JSC Nikolayevoblenergo the transformer 17 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 darified.
Restoration	Urgent	05/01/2022	http://www.rzva.ua/ua/produke iia/komutaciini- aparati 1472639412/vakuumni- vimikachi-35- kv 1472639116/vr35nsm 1472 639053.htm	LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067, Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 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 "Gorokhikka", 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 clariffed
Restoration	Urgent	05/01/2022	https://rzasystems.com/product /rs83-av2/	LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067. Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 www.rzasystems.com	Protection of electrical networks	being clarified. 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", "Gurlevka", "TOR", "Gregove", the condition of the equipment is
Restoration	Urgent	05/01/2022	https://rzasystems.com/product /rs80-mr/	LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067. Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 www.rzasystems.com	Protection of electrical networks	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhitka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Gorgove", the condition of the equipment is being clarified.
Restoration	Urgent	05/01/2022	https://rzasystems.com/product /rs83-dt2/	LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067. Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 www.rzasystems.com	Protection of electrical networks	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhitvka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	05/01/2022	https://rzasystems.com/product /rs83-vs/	LLC "RZA Systems" blvd. Ivana Lepse, 4, bullding 1, Kyiv, 03067. Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 www.rzasystems.com	Protection of electrical networks	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhitwa", PS35 / 10 "Balovne", "Kalynitwa", "Ternitwa" fighting operations. Subjected to shelling PS35 / 10 "Kozbazood", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being latified.
Restoration	Urgent	05/01/2022	https://220volt.com.ua/generat gr-dizel-nij-wattstream-ws140- rs/	https://220volt.com.ua/contac t/ 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 Mykolayvi (computer network, communication network, control room, telemechanics, cali- center, production needs) in case for complete fustration of the city of Mykolayvi. 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	https://220volt.com.ua/generat or-benzinovij-honda-eg5500cl	https://220volt.com.ua/contac t/ 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.

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1	Restoration	Urgent	01/04/2022	https://profpostach.com.ua/inv ertornaya-dugovaya-svarka- mma/613-svarochnyi-apparat- ydi-200e-dc-mmaua-kejs-paton- 49209-569900.html	https://profpostach.com.ua/ 093 877 77 50 Epiphany Avenue, 21/2 Mykolaiv Mykolaiv region Ukraine 54034	Execution of repair works	The need to restore metal structures damaged by shelling at electrical networks
	Restoration	Urgent	01/04/2022	http://www.rzva.ua/ua/produke iia/komutaciini- aparati 1472639412/vakuumni- vimikachi-10- kv 1472639305/vr3 14726392 27.htm	LLC "RZA Systems" blvd. Ivana Lepse, 4, building 1, Kyiv, 03067. Ukraine +380 (44) 351-12-47 +380 (44) 351-12-48 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 "Gorokhitka", 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.
ı	Restoration	Urgent	01/04/2022	https://ooo- aes.com/p817329432- polimernyj-natyazhnoj- izolyator.html	https://ooo-aes.com/ 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	https://ooo- aes.com/p817329432- polimernyi-natyazhnoj- izolyator.html	https://ooo-aes.com/ 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	http://www.gebp.lviv.ua/index.php/ua/produktsiia?id=81	www.gebp.lviv.ua PJSC "GALENERGOBUDPROM": 27 Zavodska Street, Duliby village, Stryiskyi 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	valon-a.prom.uahttps://valon- a.prom.ua/p2572501- podstantsii-transformatornye- komplektnye.html	valon-a.prom.ua 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, Khmelnitsky, 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.
1	Restoration	Urgent	01/04/2022	valon-a.prom.uahttps://valon- a.prom.ua/p2572501- podstantsii-transformatornye- komplektnye.html	valon-a.prom.ua 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, Khmelnitsky, 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	valon-a.prom.uahttps://valon- a.prom.ua/p2572501- podstantsii-transformatornye- komplektnye.html	valon-a.prom.ua 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, Khmelnitsky, 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	valon-a.prom.uahttps://valon- a.prom.ua/p2572501- podstantsii-transformatornye- komplektnye.html	valon-a.prom.ua 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, Khmelnitsky, 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	valon-a.prom.uahttps://valon- a.prom.ua/p2572501- podstantsii-transformatornye- komplektnye.html	valon-a prom.ua 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, Khmelnitsky, 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	http://www.zbi.com.ua/opori_z alizobetonni	http://www.zbi.com.ua/ 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	http://www.zbi.com.ua/opori_z alizobetonni	http://www.zbi.com.ua/ 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

Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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	https://volten.com.ua/ua/p149 01957-izolyatory-prohodnye- ipu.html	Volten Research and Production Enterprise, Svobody 39, Slavyansk, Ukraine https://volten.com.ua/en/	Restoration of 10 kV OHL	Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.
Restoration	Urgent	01/04/2022	https://ptk-veles.in.ua/asbl- 10/asbl-10-3h120/	https://ptk-veles.in.ua/about/ Cable company "VELES" 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	https://sicame.com.ua/	SIKAM-UKRAINE LLC	Restoration of power supply in 10 kV networks	Restoration of 6-10 kV electrical networks
Restoration	Urgent	01/04/2022	https://sicame.com.ua/	SIKAM-UKRAINE LLC	Restoration of power supply in 10 kV networks	Restoration of 6-10 kV electrical networks
Restoration	Urgent	01/04/2022	http://www.ztr.ua/ua/power- transformers	http://www.ztr.ua/ PJSC "Zaporizhtransformator" st. Dniprovske 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 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	http://www.ztr.ua/ua/power- transformers	http://www.ztr.ua/ PJSC "Zaporizhtransformator" st. Dniprovske 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 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	http://www.ztr.ua/ua/power- transformers	http://www.ztr.ua/ PJSC "Zaporizhtransformator" st. Dniprovske Shosse, 3 Zaporizhia, 69600, Ukraine Tel .: +38 (061) 270-39-00 Fax: +38 (061) 270-37-39 E-	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	http://www.ztr.ua/ua/power- transformers	mail: office@ztr.ua http://www.ztr.ua/ PJSC "Zaporizhtransformator" st. Dniprovske Shosse, 3 Zaporizhia, 69600, Ukraine Tel :: +38 (061) 270-39-09 Fax: +38 (061) 270-37-39 E- mail: office@ztr.ua	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	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Guirekva", "TOR", "Greygove", the condition of the equipment is being darfifed.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Measurement and protection of 6 (10) kV electrical networks	As of March 11, 2022, JSC Mykolaylvoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Termivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darlifed.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Termivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.

Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Measurement and protection of 6 (10) kV electrical networks	As of March 11, 2022, JSC Mykolayivobleneth oreceived numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Fernivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darfifled.

Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Measurement and protection of 6 (10) kV electrical networks	As of March 11, 2022, JSC Mykolayivobleneth oreceived numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Fernivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darfifled.

Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Teminiva" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Measurement and protection of 6 (10) kV electrical networks	As of March 11, 2022, JSC Mykolayivobleneth oreceived numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Baloven", "Kalynivka", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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", "Temivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Baloven", "Kalynivka", "Fernivka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darfifled.

Restoration	Urgent	01/04/2022	https://beontop.com.ua/	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 "Balowe", "Kalynivka", "Termivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darfifed.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Measurement and protection of 6 (10) kV electrical networks	As of March 11, 2022, JSC Mykolaylvoblenetho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Fernivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being darfifled.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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.
Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	05/01/2022	Ō	LLC "MONOLITTORG" Ukraine, 04119, Kyiv city, Zoologichna str., House 4 A, office 139 +380508176266; +380672209731	Protection of electrical networks from impulse overvoltages	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	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhitka", PS35 / 10 "Balovne", "Kalynirka", "Ternirka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolayvolohentho received numerous injuries due to the PS35 / 10 "Gorokhikka", PS35 / 10 "Balovne", "Kalynikka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolayvbolenetho 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	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolaylvoblenetho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	https://beontop.com.ua/	PE "BIONTOP"	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhitka", PS35 / 10 "Balovne", "Kalynitka", "Ternitka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS-20", "Gulrekka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	05/01/2022	Q	LLC "MONOLITTORG" Ukraine, 04119, Kyiv city, Zoologichna str., House 4 A, office 139 +380508176266; +380672209731	Protection of electrical networks from impulse overvoltages	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhikka", PS35 / 10 "Balovne", "Kalynikka", "Ternivika" fighting operations, Subjected to shelling PS35 / 10 "Kozhzavod", "NS- 20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lvív Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	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	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://www.lizo.lviv.ua/	Lviv Insulation Ltd.	Restoration of 0.4 kV electrical networks	The number of damaged as a result of hostilities PL-0.4kV as of 11.03.22 exceeds 80 pcs
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
1	Restoration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.

toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	Restoration of electrical networks	Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	Restoration of electrical networks	Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	Restoration of electrical networks	Elimination of numerous damages in electrical networks with a voltage of 0.4 kV.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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.
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 81/24, 54056 (0512) 58-54-	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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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
toration	Urgent	01/04/2022	http://svetolux.mk.ua/	PE "Svetoluks Nikolaev" Nikolaev, street Cosmonauts, 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
toration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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
toration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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
toration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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.
toration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-dlya- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 65102, Ukraine tel.: +38 048 716 123; 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.
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Restoration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-diva- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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 Mykolalvoblenerho.
Restoration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-diva- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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 Mykolalvoblenerho.
Restoration	Urgent	01/04/2022	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-diva- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 65102, Ukraine tet : +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	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-diya- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 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	https://odeskabel.com/ua/prod ucts/kabeli- silovye/neizolirovannye- provoda/provod- neizolirovannyi- stalealyuminievyi-as-diva- vozdushnykh-lep.html	https://odeskabel.com/ua/ PJSC "Odessa Cable Plant" Odeskabel "Mykolaivska road, 144, Odesa, 65102, Ukraine tet : +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	https://widzew.ua/product/%d1 %88%d0%b2%d0%b5%d0%bb% d0%bb%d0%b5%d1%80- %e2%84%9612-9%d0% bc /	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d1 %88%d0%b2%d0%b5%d0%bb% d0%bb%d0%b5%d1%80- %e2%84%9616-117%d0% bc /	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d0 %bf%d0%be%d0%bb%d0%be%d 1%81%d0%b0- %d1%81%d0%b0- bb% d1% 82%d0%b0%d0% bb% d1% 86% d0% bd% d0% b0% d1% 8f-40% d1% 854 /	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d3 %83%d0%b3%d0%b3%d0%b0%b0% %d1%83%d1%82%d0%b0%d0% b5% d1% 82% d0% b6% d0% b6% d1% 82% d0% b6% d0% b6% d1% 85% d0% b6% d0% b6% d0% b6% d0% b6% d0% d0% b5% d0% b6% b6% d0% d0% b5% d0% b6% b6% d0%	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d0 %b0%d1%80%d0%bc%d0%b0% d1%82%d1%83%d1%80%d0%b0 %d0%b0500%d1%81-% e2% 84% 9616% d0% bc% d0% bc/	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://cvetprokat.com.ua/uk/a lyuminiy/alyuminievaya-shina/	Company "Tsvetprokat Ukraine" https://cvetprokat.com.ua/uk	Repair work in electrical networks	Elimination of numerous damages in electric networks with a voltage of 0.4-10 kV.

Resto	oration	Urgent	01/04/2022	INTERSEATAWAY STRITTLEAT STRITTLEATER STATE STAT	https://www.stihl.ua/index.asp x	Repair work in electrical networks	Clearing of green areas, blockages after shelling during the restoration of overhead lines. The number of damaged as a result of hostilities PL-10kV as of 11.03.22 - 42 pleces, OHL-0.4kV - more than 80 pcs
Resto	oration	Urgent	01/04/2022	100% FERANDIS ATTAS DO 30 SEST. D1860NDONAS FROD \$3.085 D. 101860NDONAS FROD \$3.085 D. 1861NDONAS AND \$3.085 D. 1861NDONAS AND \$3.085 D. 1861NDONAS AND \$3.085 D. 1861NDONAS BAS DONAS BAS DON	https://www.stihl.ua/index.asp x	Repair work in electrical networks	Clearing of green areas, blockages after shelling during the restoration of overhead lines. The number of damaged as a result of hostilities PL-10kV as of 11.03.22 - 42 pieces, OHL-0.4kV - more than 80 pcs
Resto	oration	Urgent	01/05/2022	http://hvt.com.ua/dts	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 35 kV	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Fernivka" fighting operations. Subjected to shelling PS35 / 10 "Koztzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Resto	oration	Urgent	01/05/2022	http://hvt.com.ua/dts	LLC "Group of companies" High-voltage technologies "ZAPORIZHZHIA, BRYANSKA STREET, 10 TELEPHONE: +38 061 707 39 B4 E-mail: office.hvl@gmail.com SALES DEPARTMENT +38 098 1B7 79 07 FAX: +38 067 441 68 65	Switching of electric networks with voltage of 35 kV	As of March 11, 2022, JSC Mykolayivoblenetho 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 clarifled.
Resto	oration	Urgent	01/05/2022	http://hvt.com.ua/dts	LLC "Group of companies" High-voltage technologies "ZAPORIZHZHIA, BRYANSKA STREET, 10 TELEPHONE: +38 061 707 39 B4 E-mail: office.ht/@gomail.com SALES DEPARTMENT +38 098 187 79 07 FAX: +38 067 441 68 65	Switching of electric networks with voltage of 35 kV	As of March 11, 2022, JSC Mykolaylvoblenerho 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	01/04/2022	<u>0</u>	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	<u>0</u>	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 PS150 / 33(10) and 35 / 10kV was 57 pieces.
Restoration	Urgent	01/04/2022	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	0	To provide vehicles	For transportation of employees of line crews, equipment and materials at the facilities of the distribution system
Restoration	Urgent	01/04/2022	<u>0</u>	0	To provide vehicles	operator For transportation of employees of line crews, equipment and materials at the facilities of the distribution system operator
Emergency reserve	Urgent	01/05/2022	https://powertool.com.ua/proti vogazy-panoramnye/4126- panoramnyi-protivogaz-ppm-88 s-filtrom-azbazekzp3d- ammiak.html	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	https://pan- sportsmen.com.ua/ua/p146911 5410-fonar-karmannyi- svetodiodnyi.html	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	Providing conditions for emergency recovery work in the dark
Emergency reserve	Urgent	01/05/2022	https://fireequipment.prom.ua/ ua/p511119004-grupovii- akumulyatornij-lihtar.html	"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	https://www.gaydamak.com.ua /uk/ukrainskij-sutochnyi-suhpaj- piriatin-sua_24_1-ru	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	https://www.skz.net.ua/UA/%D 1%84%D0%B2%D1%83	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	https://avpharma.com.ua/aptec hka-taktichna-individualna-av- farma/	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	individual anti-chemical package IPP-11: sale, price in Kiev. Antidotes from "PHARMEDALANS T PHARMACIES IN UKRAINE" - 208804043 (aptechki in ua)	LLC "Pharmmedalliance" 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	https://prom.ua/p1136052858- broneshlem-kevlarovyj- kaska.html	ARMY	For individual protection of personnel when performing electrical work	Protection of personnel in combat.
Emergency reserve	Urgent	01/04/2022	https://pancer.com.ua/bron/br onezhilet-4-klass-zashity-disi	Pancer Protection	To protect personnel when performing work during hostilities	Protection of personnel in combat.
Emergency reserve	Urgent	01/05/2022	https://rehamed.in.ua/portativn iy-avtomaticheskiy-narugniy- defibrillyator-powerheart-aed- g3-pro-uk.html	Medical Equipment Ltd.	For individual protection of personnel when performing electrical work	Protection of personnel in combat.
Emergency reserve	Urgent	01/05/2022	https://ortosalon.ua/ua/medici nskaya-aptechka-pervoj- pomoshi-proizvodstvennava- mobil?gclid=CjwKCAIAJoeRBhAJ EiwAYY3nDBJ21PLfT74jg75nNH z5iOuZoBRU1k_XuJkWiCop	Pharmmedalliance	To provide first aid to staff during the restoration of electrical networks	Protection of personnel in combat.
Emergency reserve	Urgent	01/05/2022	https://patriotshop.com.ua/ua/ dzhgut-turniket-krovospinnij- spas-2016	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	https://budagromash.com.ua/b urilno-kranowe-mashiny/bkm- 2m-z-gidravlicheskim-privodom- yrashheniya-bura/	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	https://220volt.com.ua/generat or-dizel-nij-wattstream-ws140- rs/	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	http://www.ztr.ua/ua/power- transformers	http://www.ztr.ua/ PJSC "Zaporizhtransformator" st. Dniprovske Shosse, 3 Zaporizhia, 69600, Ukraine Tel.: +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 "Kochzavod", the condition of the equipment is specified.
Restoration	Urgent	01/04/2022	https://bek- ltd.com.ua/produktsija/armatur a-dlja- lep/izoljatory/polimernye/izolja tory-podvesnye-ikts-dlja-lep/	https://bek-ltd.com.ua/ TVK "Budelektrokabel" Kyiv, Vaclav 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	https://ptk-veles.in.ua/asbl- 10/asbl-10-3h240/	https://ptk-veles.in.ua/about/ Cable company "VELES" 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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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 Mykolalvoblenerho.
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- lineinava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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 Mykolalvoblenerho.
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- lineinava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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 Mykolalvoblenerho.
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- lineinava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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	https://alit.com.ua/armatura- linejnava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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	https://alit.com.ua/armatura- linejnava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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	https://alit.com.ua/armatura- lineinava/armatura- natajnaya/zazhimy-natyazhnye- boltovye-tipa-nb/	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	https://enerprof- building.com.ua/klinovye- zazhimy-lyagushki-mot/	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	https://hydromarket.com.ua/g2 8242166-samosvaly-gruzoviki- tyagachi	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	https://td- primoris.zakupka.com/p/22305 67-press-gidravlicheskiy- elektromontazhnyy-pg-100- tonn-kvt/	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	https://enerprof- building.com.ua/ars608/	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	https://enerprof- building.com.ua/afb616/	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	https://enerprof- building.com.ua/gidravlicheskay a-podstavka-pod-baraban-cvi/	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	https://enerprof- building.com.ua/polispasty-tap/	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	https://enerprof- building.com.ua/zapletyonnyj- neskruchivayushhijsya-tros-iz- oczinkovannoj-stali-fua-fuh/	Subdivision "Enerprof Building" https://enerprof- building.com.ua/o-kompanii/	Lifting of overhead lines - 35-150 kV	OHL were damaged by JSC Mykolaivoblenerho.
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	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", "Guirekva", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	KPB INTRA sro,	Measurement and protection of electrical networks	As of March 11, 2022, JSC Mykolayvolohentho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS36 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. As of March 11, 2022, JSC
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	KPB INTRA sro,	Measurement and protection of electrical networks	As of March 11, 2022, JSC Mykolayvoblenetho received numerous injuries due to the PS35 / 10 "Gorokhikva", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	KPB INTRA sro,	Measurement and protection of electrical networks	As of March 11, 2022, JSC Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorokhikva", PS35 / 10 Balovne", "Kalynikva", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS- 20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified. As of March 11, 2022, JSC
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	KPB INTRA sro,	Measurement and protection of electrical networks	Mykolayivoblenerho received numerous injuries due to the PS35 / 10 "Gorothinka", PS35 / 10 "Balovne", "Kalyninka", "Terninka" fighting operations. Subjected to shelling PS35 / 10 "Kozhzavod", "NS- 20", "Gurierka", "TOR", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstaviteleji-biznesa-i-partnery/	KPB INTRA sro,	Measurement and protection of electrical networks	As of March 11, 2022, JSC Mykolayivoblenetho received numerous injuries due to the PS35 / 10 "Gorokhivka", PS35 / 10 "Balovne", "Kalynivka", "Ternivka" fighting operations. Subjected to shelling PS35 / 10 "Kozbzavod", "NS-20", "Gurievka", "TOR", "Greygove", the condition of the equipment is being clarified.

Restoration	Urgent	01/05/2022	https://www.kpbintra.cz/ru/pre dstavitelejj-biznesa-i-partnery/	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", "Greygove", the condition of the equipment is being clarified.
Restoration	Urgent	01/05/2022	http://hvt.com.ua/dts	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	http://hvt.com.ua/dts	LLC "Group of companies" High-voltage technologies "ZAPORIZHZHIA, BRYANSKA STREET, 10 TELEPHONE: +38 061 707 39 B4 E-mail: office.hvl@gmail.com SALES DEPARTMENT +38 098 187 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	<u>0</u>	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	http://svetolux.mk.ua/	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	http://svetolux.mk.ua/	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	andi-electro@ukr.net	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	andi-electro@ukr.net	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	https://widzew.ua/product/%d1%83%d0%b3%d0%be%d0%bb%d0%	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d/ %83%d0%b3%d0%be%d0%bb% d0%be%d0%bb- %d1%81%d1%82%d0%b0%d0% bb% d0% bc% d0% bb% d0% bb% d0% bc% d0% bb% d0% bb% d0% bc% d0% bb% d0% bb% d1% 80% d0% bb% d0% bb% d1% 80% d0% bb% d0% bb% d0% bb% d0% bb% d0% bb% bb% d0% bb% d1% 00% bb%	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d0 %ba%d1%80%d1%83%d0%b3- %d1%8410%d0%bc%d0%bc- %d0%b0240/	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d0 %ba%d1%80%d1%83%d0%b3- %d1%8422%d0%bc%d0%bc- %d0%b0240/	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks

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	Restoration	Urgent	01/04/2022	https://widzew.ua/product/%d0 %ba%d0%b0%d1%82%d0%b0% d0%bd%d0%ba%d0%b0- %d0%b3%d0%be%d1% 81% d1% 82-30136-95-% d1% 81% d1% 82-3-65-% d0% bc% d0% bc	PE "Vidzev" https://widzew.ua/company/	Repair work in electrical networks	restoration of metal structures of electrical networks
	Restoration	Urgent	01/04/2022	<u>0</u>	0	To provide vehicles	For transportation of employees of line crews, equipment and materials at the facilities of the distribution system
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Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	?	emergency work
Restoration	Urgent	01/04/2022	?	?	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	?	?	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	?	?	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	?	?	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	?	?	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	?	?	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	7	?	?	?
Emergency reserve	Urgent	01/04/2022	?	?	?	?

Emergency reserve	Urgent	01/04/2022	7	7	?	7
Emergency reserve	Urgent	01/04/2022	7	7	?	?
Emergency reserve	Urgent	01/04/2022	?	?	?	?
Emergency reserve	Urgent	01/04/2022	?	?	?	7
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	https://docplayer.com/7687051 9-Ltb-145d-1-b-nominalnye- napryazheniya-nominalnyy-toe- nominalnyy-toe- otelyucheniya.html	Contacts: Hitachi Energy Ukraine LLC Address: 03680, Ukraine, Kyiv, 2/1 Mykola Hrinchenko Str. Phone: +380 44 495221 E-mail: ua-publicbox@hitachienergy.com +380674651909	To provide 110/35/10 kV substation on the 110 kV side	7
Emergency reserve	Urgent	01/04/2022	?	?	?	7
Emergency reserve	Urgent	01/04/2022	?	?	?	7
Emergency reserve	Urgent	01/04/2022	?	7	?	7
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	https://polycar.com.ua/news/1 486-avm-isuzuukr/	SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borshchahivka village, Velyka Kiltseva Street 4-N. Phone (098) 55 111 55	To ensure the transportation of line crews	JSC "Khmelnitskoblenergo" 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	https://powertool.com.ua/proti vogazy-panoramnye/126- panoramnye/rotvogaz-pomas s-filtrom-a2b2e2k2p3d- ammlak.html	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 "khmelnitskoblenergo" 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 Uraine of August 19, 2002 Net 200 "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	https://comtrade.ua/icom-ic- f16/	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 "Khmelniskoblenergo" 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	https://ks-power.com.ua/diesel- generators-heavy-duty/ks-14- 1de-atsr/	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	https://ks- power.com.ua/gasoline-ks- series-generators/ks-7000e/	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	https://pan- sportsmen.com.ua/ua/p146911 5410-fonar-karmannyi- svetodiodnyi.html	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	https://fireequipment.prom.ua/ ua/p511119004-grupovij- akumulyatornij-lihtar.html	"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	https://www.gaydamak.com.ua /uk/ukrainskij-sutochnyj-suhpaj- pirjatin-sua 24 1-ru	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	https://iviv.prom.ua/p14642313 05-dizelnaya-elektrostantsiya- 90b.html?&primelead=My45	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, DVEM, LOC and power grid areas)	To ensure emergency power supply of critical infrastructure of the distribution system (base, DVEM, LOC and power grid areas)
Emergency reserve	Urgent	01.05.2022	https://avpharma.com.ua/aptec hka-taktichna-individualna-av- farma/	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 kils. 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 No 488/2018-R *On the formation of civil defense formations*
Emergency reserve	Urgent	01.05.2022	https://euroservis.com.ua/ogne tushitel-uglekislotnyij-ou-40- vognegasnik-vuglekislotniji-vvk- 28-000013459.html/	"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	https://kievguma.com.ua/ua/p1 237983823-perchatki-rezinovye- dielektricheskie.html	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 disruptors the networks of the SRF for the speriod of hostilities. The need is caused by the lack of a defender of mans, which is caused by their damage during their operation during emergency recovery work. The Uranian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://kievguma.com.ua/ua/p1237 983827-boty-dielektricheskie- 322.html	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 direct proteons in the elimination of technological direct proteons in electric structure. The electric structure of the SRF for the period of defender of means, which is caused by their damage during their operation during emergency recovery work. The Unitalian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/uk azateli-napriazhenija- kontaktnogo-tipa-s- kombinirovannoi-indikaciej- jekkolta-6-20k-i-ekivolta-20- 35k-bez-vstroennogo-istochnika jelektropitanija/	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 hostillies. 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 hostillies.

Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/uk azateli-naprjazhenija- kontaktnogo-tipa-do-1-kv- jekitest/	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 mans, which is caused by their damage during their operation during emergency recovery work. The Uranian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	http://ekipage.com/product/zazeml enija-perenosnye-dlja-vozdushnyh- linij-zpl/	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 SFF 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 Usrahian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	http://www.lizo.lviv.ua/producti on-left/instrumenti- sip/zazemlennya-perenosne-0-4 kv-dlya-izolovanih-provodiv	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 discriptions 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 Uranian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://ievel.com.ua/catalog/p oyasa-lyamochnye- kombinirovannye/poyas- lyamochnyy-kombinirovannyy- plk4.html	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 receivery work. The Uranian manufacturer has stopped production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://level.com.ua/catalog/lazy- montyerskie-kogti-gaffy/lm-3u-ship- tverdosplavnyy.html	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	https://ziminfo.com/stremyanki _html#anchor	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 hostlitles. Currently, the provision of teams is 70%. The Ukrainian manufacturer has stopped its production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://epicentrk.ua/ua/shop/n abor-otvertok-montero-mn- 20630.html	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	https://epicentrk.ua/ua/shop/fonar- prozhektornyy-grilland-zk2129- chernyy.html	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	https://epicentrk.ua/ua/shop/ochki zashchitnye-delta-plus-galervi.html	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 hostitiles. The need is caused by the lack of a defender of the means, which is caused by their damage during their operation during the emperatory recovery work. The Ukrainian supplies stopped its production due to hostilities.
Emergency reserve	Urgent	01.05.2022	https://epicentrk.ua/ua/shop/kaska delta-plus-quarija.html	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	https://kievguma.com.ua/ua/p1237 983828-kovrik-dielektricheskij- 500x500.html	LLC Kyiviguma 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 Uraniania manufacturer has stopped production due to hostilities.

Emergency reserve	Urgent	01.05.2022	https://www.husqvarna.com/ua/zasobi-individual-nogo-zakhistuziz/#robochii-odiag	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	https://uea.com.ua/product/tm g-oil-transformers	LLC "Ukrelektroaparat" Khmeinytsky, 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	https://uea.com.ua/product/tm g-oil-transformers	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- vimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- yimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	http://www.rzva.ua/ua/produkc ija/komutaciini- aparati 1472639412/vakuumni- vimikachi-10- kv 1472639305/vr3 14726392 27.htm	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	https://www.foxtrot.com.ua/ru/ shop/noutbuki_lenovo_thinkpa d-e15-20rd001ert.html	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	https://www.moyo.ua/printer- lazernyy-canon-i-sensys- lbp226dw-c-wi-fi/463985.html	Canon Ukraine LLC	For printing documents	For printing documents
Emergency reserve	Urgent	01.04.2022	https://prom.ua/p1136052858- broneshlem-kevlarovyj- kaska.html	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	https://pancer.com.ua/bron/br onezhilet-4-klass-zashity-disi	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	https://rehamed.in.ua/portativn iy-avtomaticheskiy-narugniy- defibrillyator-powerheart-aed- g3-pro-uk.html	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	https://ortosalon.ua/ua/medici nskaya-aptechka-pervoi- pomoshi-proizvodstvennaya- mobil?gclid=CjwKCAIAjoeRBhAJ EiwAYY3nDBJ23PLfT74jg75nNH 2SIOuZOBRU1k XUJKWICOp	Pharmmedalliance 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 satif of JSC "Kimelnitiskoblenergo" is not sufficiently provided with first aid due to lack of medicines from suppliers.
Emergency reserve	Urgent	01.05.2022	https://patriotshop.com.ua/ua/ dzhgut-turniket-krovospinnij- spas-2016	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/as_50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://hzb.com.ua/ferroconcre tes/stoyaki-zalizobetonni- poperedno-napruzheni	TDV "Khmelnitskyzalizobeton", Khmelnitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconc retes/stoyaki-zalizobetonni- 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	https://volten.com.ua/ua/p146 98045-izolyator-shf.html	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/a/a 50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://energoprom.net.ua/ru/g roduction/catalog/neizolirovann ie/a/a 35/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	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	https://hzb.com.ua/ferroconcre tes/stoyaki-zalizobetonni- poperedno-napruzheni	TDV "Khmelnitskyzalizobeton", Khmelnitsky, street Chornovola, 31 (https://hzb.com.ua/ferroconc retes/stoyaki-zalizobetonni- 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	https://www.zka.com.ua/page/ mufta-stp-10	"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	https://www.zka.com.ua/page/ mufta-stp-10	"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	https://www.zka.com.ua/page/ mufta-stp-10	"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	https://www.zka.com.ua/page/ mufta-kntp-10	"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	https://www.zka.com.ua/page/ mufta-kntp-10	"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	https://www.zka.com.ua/page/ mufta-kntp-10	"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	https://www.zka.com.ua/page/ mufta-kvtp-10	"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	https://www.zka.com.ua/page/ mufta-kvtp-10	"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	https://www.zka.com.ua/page/ mufta-kvtp-10	"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	https://www.zka.com.ua/page/ mufta-pkvtp-6-10	"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	https://www.zka.com.ua/page/ mufta-pkvtp-6-10	"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	https://www.zka.com.ua/page/ mufta-stp-10	"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	https://www.zka.com.ua/page/ mufta-1pkvt-10	"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	https://ukrprovod.com.ua/kabel _provod/alyuminievyi_kabel_aa bl	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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	Repair of 10 kV electrical networks	For repair of 0.36 km of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/g roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/g roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/neizolirovann ie/ac/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/ac/)	Repair of 10 kV electrical networks	For repair of 0.24 km of 10 kV cable lines
Emergency reserve	Urgent	01.05.2022	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-kntp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x120/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x95/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x70/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x50/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x35/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://energoprom.net.ua/ru/p roduction/catalog/silovie/pvh/a vvg/avvg_4x25/	Cable plant "Energoprom", Dnipro, street Production, 14 (https://energoprom.net.ua/ru /production/catalog/neizolirov annie/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	https://www.zka.com.ua/page/ mufta-stp-1	"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	https://www.zka.com.ua/page/ mufta-kvtp-1	"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	https://www.zka.com.ua/page/ mufta-kntp-1	"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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/oil-transformers)	Repair of electric networks 10-0.4 kV	To reserve a 160 kVA transformer during martial law
Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/ks	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://uea.com.ua/product/pa neli-raspredelitelnyh-schitov- scho	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-60S-63-3r-63a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sill ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-1005-100-3r- 100a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-250S-160-3r- 160a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-250S-200-3r- 200a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiv-vyklyuchatel-e- industrial-ukm-250s-250-3r- 250a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiy-vyklyuchatel-e- industrial-ukm-4005-400-3r- 400a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomaticheskie- 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	https://enext.ua/uk/catalog/silo vye-avtomaticheskie- vyklyuchateli-v-litom- korpuse/silovoy- avtomaticheskiv-vyklyuchatel-e- industrial-ukm-6305-630-3r- 630a/	LLC "Electrical Company E- NEXT-UKRAINE", Vyshneve, st. Kyivska, 27A, building B (https://enext.ua/uk/catalog/sil ovye-avtomatichesky- 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	https://electrolend.com.ua/ua/ p124531668-rubilnik-rps- 250a.html	"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	https://electrolend.com.ua/ua/ p124531725-rubilnik-rps- 400a.html	"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	https://electrolend.com.ua/ua/ p124530686-rubilnik-rpb- 630a.html	"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	https://electrolend.com.ua/ua/ p689398638-rubilnik-rpb- 1000a.html	"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	https://electrolend.com.ua/ua/ p689398729-rubilnik-rpb- 1600a.html	"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	https://yvabkin.com.ua/viklyuch atei-razedinitei-re19-41-31150- 00-uhl3-nva-korenevo- 2031150032/p202456/	"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	https://vikant.com.ua/ua/catalo g/list	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabol.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/uglovaja_stal	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	https://vikant.com.ua/ua/catalo g/uglovaja_stal	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	https://vikant.com.ua/ua/catalo g/krugi	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/krugi	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 (https://opendatabot.ua/c/249 42675)	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	https://vikant.com.ua/ua/catalo g/strip	VIKANT FIRM LLC, Kyiv city, VELIKA VASYLKIVSKA STREET, building 24/1 https://opendatabot.ua/c/249 42675 (https://opendatabot.ua/c/249 42675)	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	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chomovola, 120 (https://uea.com.ua/categorie s/oil-transformers)	Repair of electric networks 10-0.4 kV	To reserve a 630 kVA transformer during martial law

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Emergency reserve	Urgent	01.05.2022	https://uea.com.ua/categories/ oil-transformers	LLC "Ukrelektroaparat" Khmelnytsky, street V. Chornovola, 120 (https://uea.com.ua/categorie s/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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryl district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone +380443905770 OKKO BUSINESS PARTNER	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	https://www.okko.ua/fuels	OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj district, Slavske urban-type settlement, Franka Ivana str., Building 14 A. phone +380443905770 OKKO BUSINESS PARTNER	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	https://www.okko.ua/fuels	LLC Ukraine, 82660, Lviv region, Stryj district, Slavske urban-type settlement, Franka Ivana str., Building 14 A, phone	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	https://www.okko.ua/fuels	+380443905770 OKKO BUSINESS PARTNER LLC Ukraine, 82660, Lviv region, Stryj 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	http://ukravtogaz.com/more/pr irodnij-gaz-metan.html	EKOTRANSGAZ LLC Ukraine, 58032, Chemivtsi region, Chemivtsi 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	https://rozetka.com.ua/ua/106 462149/p106462149/	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	https://rozetka.com.ua/ua/127 376477/p127376477/	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	https://prom.ua/ua/p89362468 3-maslo-motornoe- dizelnoe.html	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	http://zkz.ua/uk/unwires	PJSC "Zaporizhzhya Cable Plant"	To provide 110-35 kV transmission lines	For emergency recovery work
Restoration	Urgent	01/05/2022	http://zkz.ua/uk/unwires	PJSC "Zaporizhzhya Cable Plant"	To provide 110-35 kV transmission lines	For emergency recovery work
Restoration	Urgent	01/05/2022	http://zkz.ua/uk/unwires	PJSC "Zaporizhzhya Cable Plant"	To provide 110-35 kV transmission lines	For emergency recovery work
Restoration	Urgent	01/05/2022	http://zkz.ua/uk/unwires	PJSC "Zaporizhzhya Cable Plant"	To provide 110-35 kV transmission lines	For emergency recovery work
Restoration	Urgent	01/05/2022	https://slavenergoprom.business- guide.com.ua/products/unit?pid=18 2035	Slavenergoprom LLC	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://slavenergoprom.business- guide.com.ua/products/unit?pid=18 2035	Slavenergoprom LLC	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://slavenergoprom.business- guide.com.ua/products/unit?pid=18 2035	Slavenergoprom LLC	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy- soedinitelnye-plashechnye-pa/ https://alit.com.ua/armatura-	LLC "Alit"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy- soedinitelnye-plashechnye-pa/	LLC "Alit"	For emergency recovery work	For emergency recovery work

Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy- soedinitelnye-plashechnye-pa/	LLC "Alit"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy-ovalnye/	LLC "Alit"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy-ovalnye/	LLC "Alit"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://alit.com.ua/armatura- linejnaya/armatura- soedinitelnaya/zazhimy-ovalnye/	LLC "Alit"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://new.abb.com/se/om- abb/kontakt	ABB +46 (0) 21 32 5000	To provide 110/35/10 kV substation	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.rzva.ua/ru/produkcija/ komutaciini- aparati_1472639412/vakuumni- vimikachi:35- kv_1472639116/vr35nsm_1472639 	Concern "High Voltage Union"	To provide 110/35/10 kV substation	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.rzva.ua/ru/produkcija/ komutaciini- aparati_1472639412/vakuumni- vimikachi-10- kv_1472639305/vr3_1472639227.h tm	Concern "High Voltage Union"	To provide 110/35/10 kV on the 10 kV side	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.ztr.ua/ua/company/	PJSC "Zaporizhtransformator"	To provide 110/35/10 kV substation on the 110 kV side	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.ztr.ua/ua/company/	PJSC "Zaporizhtransformator"	To provide 110/35/10 kV substation on the 110 kV side To provide 110/35/10 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.ztr.ua/ua/company/	PJSC "Zaporizhtransformator"	substation on the 110 kV side	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.ztr.ua/ua/company/	PJSC "Zaporizhtransformator"	To provide 110/35/10 kV substation on the 110 kV side	For emergency recovery work
Restoration	Urgent	01/05/2022	http://www.ztr.ua/ua/company/	PJSC "Zaporizhtransformator"	To provide 110/35/10 kV substation on the 110 kV side	For emergency recovery work
Restoration	Urgent	01/05/2022	https://ukrprovod.com.ua/kabel_pr ovod/neizolirovannyj_provod_as	UkrProvod company	Repair of 0.4 kV electrical networks	For emergency recovery work
Restoration	Urgent	01/05/2022	https://ukrprovod.com.ua/kabel_pr ovod/neizolirovannyj_provod_as	UkrProvod company	Repair of 0.4 kV electrical networks	For emergency recovery work
Restoration	Urgent	01/05/2022	https://meganom.kiev.ua	MEGANOM UKRAINE LLC	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://meganom.kiev.ua	MEGANOM UKRAINE LLC	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://master-a.com.ua/izoljator- shf-20-s-kolpachkami-6472	LLC EXPERT ENERGO	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://master-a.com.ua/izoljator- shf-20-s-kolpachkami-6473	LLC EXPERT ENERGO	For emergency recovery work	For emergency recovery work

Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work

Restoration	Urgent	01/05/2022	http://ua.eliz.zp.ua/transformators- power/	EUZ LLC	Repair of electric networks 10-0.4 kV	For emergency recovery work
Restoration	Urgent	01/05/2022	https://www.ua- region.com.ua/31555656	CJSC "ELTECHCOM"	For emergency recovery work	emergency work
Restoration	Urgent	01/05/2022	https://sicame.ua/index.php?route= product/product&product_id=687	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://sicame.ua/zatiskach_ankern ij_guko1	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://www.sicame.com.ua/produ ktsiya/armatura-diya-sip-0-4- ky/soedinitelnaya- armatura/otvetvitelnyi-zazhim- drustoronnim-prokalyvaniem- izolyatsii-12013-06-13-10-52-29- 5-9-11-12-15-19-20013-06-13-12- 54-26-25-272013-06-13-13-09-49- 31-332013-06-13-21-07-53-40-42- 45-52-6tatil.html	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://sicame.ua/index.php?routee product/product&product_id=645	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://electrica- shop.com.ua/ua/p20245- zyednuvalniy_zatiskach_mjpt_50_si came_presovaniy	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://electrica- shop.com.ua/ua/p20351- pidtrimuyuchiy_zatiskach_dlya_ma gistralnih_liniy_16-120_mm- 178_sicame_psp_122_tra	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://electrica- shop.com.ua/ua/p20351- pidtrimuyuchiy_zatiskach_dlya_ma gistralnih_liniy_16-120_mm- 178_sicame_psp_122_tra	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://electrica- shop.com.ua/ua/p20351- pidtrimuyuchiy_zatiskach_dlya_ma gistralnih_liniy_16-120_mm- 178_sicame_psp_122_tra	SICAME Ukraine	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work

Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://quartz.zp.ua	LLC "quartz"	For emergency recovery work	For emergency recovery work
Restoration	Urgent	01/05/2022	https://001.com.ua/uk/avtomatych nyy-vymykach-va88-33-3p-160a- 35ka-iek	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	https://001.com.ua/uk/avtomatych nyy-vymykach-va88-35-3p-200a- 35ka-iek	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	http://jbk.berdyansk.biz	Berdyansk Plant of Reinforced Concrete Products LLC	Repair of 0.4 kV electrical networks	emergency work
Restoration	Urgent	01/05/2022	http://jbk.berdyansk.biz	Berdyansk Plant of Reinforced Concrete Products LLC	Repair of 10 kV electrical networks	emergency work
Restoration	Urgent	01/05/2022	http://jbk.berdyansk.biz	Berdyansk Plant of Reinforced Concrete Products LLC	To provide 35 kV transmission lines	emergency work
Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To provide communication during the restoration work of power grids	Emergency and recovery crews of PJSC "ZAPORZHZHAOBLENERGO" 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	https://ukrprofit.com.ua	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	https://ukrprofit.com.ua	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

Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities

Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities

Restoration	Urgent	01/05/2022	https://ukrprofit.com.ua	UKRPROFIT	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://meganom.kiev.ua	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	https://meganom.kiev.ua	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	http://www.krok-gt.zp.ua	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	http://www.krok-gt.zp.ua	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	https://www.starlink.com/	https://www.starlink.com/	For the organization of satellite Internet	Providing reliable access to the Internet in martial law and emergencies
Restoration	Urgent	01/04/2022	https://matari.ua/generator/dizeln ye/dizelnye-generatory-40-kvt	MATARI	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/04/2022	https://matari.ua/generator/dizeln ye/dizelnye-generatory-8-kvt	MATARI	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://comtrade.ua/icom-ic-f16/	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	https://www.stihl.ua/stihl- produkte.aspx	Kyiv, street Antonova, 10 p. Chaika Kyiv-Sviatoshynskyi 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	https://epicentrk.ua/shop/motorno e-maslo-yuko-m-10dm- 4820070240344-20-l.html	LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 1B 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, 1B 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, 1B 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, 1B 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	https://polycar.com.ua/news/1486- avm-isuzuukr/	SPETS-KOM-SERVIS LLC Ukraine, Kyiv, Petropavlivska Borshchahivka village, Velyka Kiltseva Street 4-N.	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	https://powertool.com.ua/protivog azy-panoramnye/d126-panoramny- protivogaz-ppm-88-s-filtrom- a2b2e2k2p3d-ammiak.html	Phone (098) 55 111 55 PowerTool Company Ukraine Kharkiv, Akademika Pavlova St. tel. (006) 715 45 47	To protect the respiratory organs of employees and personnel of non-military civil defense formations	Currently, the needs of PISC "Zaporizhzhyaoblenergo" in gas masks are met only by 50% (with the required amount or 100% for staff pius 5% reserve). Resolution of the Cabinet of Ministers of Ukraine of August 19, 2002 W220 0"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	https://comtrade.ua/icom-ic-f16/	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	https://ks-power.com.ua/diesel- generators-heavy-duty/ks-14-1de- atsr/	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	https://ks-power.com.ua/gasoline- ks-series-generators/ks-7000e/	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	https://pancer.com.ua/bron/br onezhilet-4-klass-zashity-disi	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	https://prom.ua/p1136052858- broneshlem-kevlarovvj- kaska.html	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	https://epicentrk.ua/shop/term os-classic-1800-ml-up- underprice.html	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	https://pan- sportsmen.com.ua/ua/p146911541 0-fonar-karmannyj- svetodiodnyj.html	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 power supply in the dark.
Emergency reserve	Urgent	01/05/2022	https://fireequipment.prom.ua/ua/ p511119004-grupovij- akumulyatornij-lihtar.html	"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	https://www.gaydamak.com.ua/uk/ ukrainskij-sutochnyj-suhpaj-pirjatin- sua_24_1-ru	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	https://avpharma.com.ua/aptechka taktichna-individualna-av-farma/	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) 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 "PHARMACLES IN UKRAINE"- 208804043 (aptechki.in.ua)	LLC "Pharmmedalliance" 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 bruman 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	https://epicentrk.ua/ua/shop/nabor otvertok-montero-mn-20630.html	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	https://epicentrk.ua/ua/shop/fonar prozhektornyy-grilland-zk2129- chernyy.html	LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 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		LLC "Epicenter" Zaporozhye, street Zaporizhzhya, 18 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 SRP networks for the period of hostillies. 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 supplies stopped its production due to hostillities.
Restoration	Urgent	01/05/2022	https://epicentrk.ua/ua/shop/shuru povert-akkumulyatornyy-bosch- easydrill-1200-1-ak	Epicenter LLC	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://epicentrk.ua/ua/shop/perfo rator-bosch-pbh-2900-re- 0003393122.html	Epicenter LLC	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://epicentrk.ua/ua/shop/bolga rka-uglovaya-shiffmashina-bosch- professional-gws-750-s- 0601394121.html	Epicenter LLC	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Restoration	Urgent	01/05/2022	https://epicentrk.ua/ua/shop/invert or-svarochnyy-dwt-dwt-mma-200- i.html	Epicenter LLC	To ensure emergency recovery work	To ensure emergency recovery work of the distribution system operator's facilities
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1qp E2SSHHFeV0bjvyMtVx_H- ecnPpOKgz/view?usp=sharing https://tepsteel.com/en/assets/te prom/files/manager_files/presentat /en_nep_Sheet	?	For installation of ditches during repair works on main gas pipelines	For installation of ditches during repair works on main gas pipelines
		0	? https://www.3xeng.com/UK/stopkit	0	For emergency elimination	0
 Emergency reserve	Urgent	44652	emergency-repair-under-pressure- onshore-offshore.php https://www.3xeng.com/UK/stopkit	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	of small damages of gas pipelines For emergency elimination	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	of small damages of gas pipelines	For emergency elimination of small damages of gas pipelines

Emergency reserve	Urgent	44652	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 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	https://www.3xeng.com/UK/stopkit- emergency-repair-under-pressure-	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	For emergency elimination of small damages of gas	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	onshore-offshore.php https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php https://www.3xeng.com/UK/stopkit	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	pipelines For emergency elimination of small damages of gas pipelines	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	pipelines For emergency elimination of small damages of gas pipelines	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 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	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 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	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 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	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php https://www.3xeng.com/UK/stopkit	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	For emergency elimination of small damages of gas pipelines For emergency elimination	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 hs@3xeng.com	of small damages of gas pipelines	For emergency elimination of small damages of gas pipelines
Emergency reserve	Urgent	44652	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php	M. Hacen SLIMANI +336 18 17 67 93 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	https://www.3xeng.com/UK/stopkit emergency-repair-under-pressure- onshore-offshore.php https://drive.google.com/file/d/1m	M. Hacen SLIMANI +336 18 17 67 93 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	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://drive.google.com/file/d/1m AbiPQ2EjLksMyx01BuE7udc2ijwLDE A/view?usp=sharing https://romacon.ru/wp- content/uploads/2020/05/petro.pd	0	For emergency repair of significant damage to gas pipelines	For emergency repair of significant damage to gas pipelines
Emergency reserve	Urgent	44652	https://www.linionlelectric.com/ru- ru/Equipiment/Pages/product.aspx? product-k12039- 1(Inconfilectric_EU_Base)-1. https://airpres.net/compressor-ht425-50-8bar3-hp-314-fmin-504- 38643-3. https://www.mathey.com/pdf/man- uals/Max%20Joll/k2OChain%20Ma chine%20980_pdf 3. https:	0	For staffing of emergency repair crews of pipelines	For staffing of emergency repair crews of pipelines
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Emerge reserv	ncy e Urge	nt 44652	materialy/elektrody-		For repairs of damaged sections of gas pipelines	For repairs of damaged sections of gas pipelines
Emerger		nt 44652	materialy/elektrody-		For repairs of damaged sections of gas pipelines	For repairs of damaged sections of gas pipelines
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Emerge reserv		nt 44652	http://tngs.com.ua/ru/content/per		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 t atmosphere (oxygen not more than 10% when performing work on main gas pipelines, compressor stations.
Emerge reserv		nt 44652	http://www.aau.com.ua/ru/assets/ content/documents/docs/%D0%9E %D0%B1%D0%B6F%D1%80%D1%83 %D0%B4%D0%BE % D0% B2% D0% B0% D0% BD% D0% B8% D0% B5% 20STOPPLE.pdf	"Address: st. Andryushchenko 4D, office 92 Kyiv, 01135, Ukraine	To carry out repair work on the section of the gas pipeline under pressure	To carry out repair work on the section o the gas pipeline under pressure
Emerge reserv		nt 44652	http://www.aau.com.ua/ru/assets, content/documents/docs/%D0%9E %D0%B1%D0%BE%D0%BE%D0% %D0%B4%D0%BE % D0% B2% D0% B0% D0% B0% D0% B8% D0% B5% 20STOPPLE.pdf	"Address: st. Andryushchenko 4D, office 92 Kyiv, 01135, Ukraine Phone: +38 044 386-71-00 +38 050	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
Emerge reserv		nt 44652	http://www.aau.com.ua/ru/assets, content/documents/docs/%D0%9E %D0%B1%C0%BE%D0%BE%D0%B2%D0% B0%D0%B8%D0%BE%D0%B8%D0%B5% B0%D0%B0%D0%B8%D0%B5%D0%D0%B5%D0%D0%B5%D0%D0%D0%B5%D0%D0%D0%B5%D0%D0%D0%D0%D0%D0%D0%D0%D0%D0%D0%D0%D0%	"Address: st. Andryushchenko 4D, office 92 Kyiv, 01135, Ukraine Phone: +38 044 386-71-00 +38 050	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
Emerge reserv		nt 44652	http://www.aau.com.ua/ru/assets/ content/documents/docs/%D0%9E %D0%B1%D0%B6E%D1%80%D1%83 %D0%B4%D0%B6 % D0% B2% D0% B0% D0% B0% D0% B8% D0% B5% 20STOPPLE.pdf	"Address: st. Andryushchenko 4D, office 92 Kyiv, 01135, Ukraine	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
Emerge reserv		nt 44652	http://s status.com.ua/ua/ovit/puvalni- obladnannya/ovit/puvalna-machta solaris-megastar-lite .html http://www.xdmast.com/product/ ghtnig/Nat/2019-07-17/3html https://nightsearcher.co.uk/en/cat gon/site-lights/product/linkstar- twin.html	Company Status-C (044) 383-61-25 http://s-status.com.ua/	For lighting during emergency repairs	For lighting during emergency repairs
Emerge reserv		nt 44652	https://vetter.de/branchenloesung n/notfallpneumatik/hebekissen/s tec-12-lifting-bags-12-bar/		For lifting elements of gas pipelines and building structures during repair work	For lifting elements of gas pipelines and building structures during repair work
Emerge reserv		nt 44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	6	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emerger reserv		nt 44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emerge reserv		nt 44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@email.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emerge reserv		nt 44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	+380 (50) 321-55-36 svartech.com.ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emerge reserv		nt 44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works

Emergency reserve	Urgent	44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/g4071950 8-tsentrator-dvumya-tsepyami	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech com ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	svartech.com.ua@gmaii.com LLC "WEDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@ymail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech com ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://svartech.com.ua/ua/g40499 159-ruchnoj-tseponoj-tsentrator	svartech.com.ua@gmail.com LLC "WELDING TECHNOLOGIES" 31 Gagarina Ave., Kryvyi Rih, Dnipropetrovsk region, Ukraine +380 (50) 321-55-36 svartech.com.ua@gmail.com	For centering of gas pipeline pipes during repair works	For centering of gas pipeline pipes during repair works
Emergency reserve	Urgent	44652	https://220volt.com.ua/generator- gazovij-generac-6269-8kw/	LLC "Komel-Electro" st. Balzac 4, of. 145B +38 044 344 63 98	Providing backup power	Providing backup power
Emergency reserve	Urgent	44682	http://enrhottap.com/wp- content/uploads/2020/10/8ROCHU RE-E320.pdf	ENR General Machining Co. 3725 W 49th Street Chicago II, 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	https://www.lmf.at/business- areas/pipeline-evacuation/	Leobersdorfer Maschinenfabrik GmbH Suedbahnstrasse 28 A-2544 Leobersdorf Phone: +43 2256 9001- O 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 awarney 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	Gas supply to consumers at the time of emergency recovery work on the main GD\$
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Emergency reserve	Urgent	44652	?	Pietro Fiorentini, Valveitalia. Tartarini or similar	the time of emergency recovery work on the main GDS	Gas supply to consumers at the time of emergency recovery work on the main GD
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 GD
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		14 days	?	0	Luhansk regior Myrnograd, Donetsk region; Lysychansk
		14 days 14 days	?	0	Luhansk regior Myrnograd, Donetsk region; Lysychansk
		14 days	?	0	Luhansk regior Myrnograd, Donetsk region; Lysychansk
		14 days	?	0	Luhansk region Myrnograd, Donetsk region; Lysychansk
		14 days	?	0	Luhansk region Myrnograd, Donetsk region; Lysychansk
		14 days	?	0	Luhansk region Myrnograd, Donetsk region; Lysychansk
		14 days	?	0	Luhansk region Myrnograd, Donetsk region; Lysychansk
					Luhansk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days 60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
		60 days	?	0	Myrnograd, Donetsk region
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	60 days	?	0	Myrnograd, Donetsk region
	60 days	?	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	Ō	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
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	60 days	Ō	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, Donetsk region
	60 days	0	0	Myrnograd, 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 "Zaporozhye Cable Plant", PJSC "AZOVKABEL", PJSC "Odeskabel", LLC "Krok GT", LLC "EUROPAN", LLC "ELIZ" PJSC "Yuzhkabel Plant", PJSC	0
	0	0	PJSC "Yuzhkabel Plant", PJSC "Zaporozhye Cable Plant", PJSC "AZOVKABEL", PJSC "Odeskabel", LLC "Krok GT", LLC "EUROPAN", LLC "ELIZ" PJSC "Yuzhkabel Plant", PJSC	0
	0	0	PJSC "Yuzhkabel Plant", PJSC "Zaporozhye Cable Plant", PJSC "AZOVKABEL", PJSC "Odeskabel", LLC "Krok GT", LLC "EUROPAN", LLC "ELIZ" PJSC "Yuzhkabel Plant", PJSC	0
	0	0	PJSC "Yuzhkabel Plant", PJSC "Zaporozhye Cable Plant", PJSC "AZOVKABEL", PJSC "Odeskabel", LLC "Krok GT", LLC "EUROPAN", LLC "EUZ" PJSC "Yuzhkabel Plant", PJSC	0
	0	0	PJSC "Yuzhkabel Plant", PJSC "Zaporozhye Cable Plant", PJSC "AZOVKABEL", PJSC "Odeskabel", LLC "Krok GT", LLC "EUROPAN", LLC "ELIZ"	0

		0	0	LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC		0
		0	0	PTK - VL Kit LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC PTK - VL Kit		0
		0	0	LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC PTK - VL Kit		0
		0	0	LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC PTK - VL Kit		0
		0	0	LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC		0
		0	0	PTK - VL Kit LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC		0
		0	0	PTK - VL Kit LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC PTK - VI Kit		0
		0	0	LLC Armlit-Donbass, LLC PKF- Energotechservice, LLC ALIT, LLC		0
		0	0	PTK - VL Kit are not made in Ukraine, dual-use		0
		0	0	products are not made in Ukraine, dual-use		0
				products		0
		0	0	Lviv Insulation Company LLC		0
		 0	0	Lviv Insulation Company LLC		0
		0	0	LLC "ISOPLAST", LLC NPP "ES Polymer", LLC "SLAVENERGOPROM", SE "Research Institute of High Voltages"		0
		0	0	LLC "ISOPLAST", LLC NPP "ES Polymer", LLC "SLAVENERGOPROM", SE "Research Institute of High Voltages"		0
		0	0	LLC "ISOPLAST", LLC NPP "ES Polymer", LLC "SLAVENERGOPROM", SE "Research Institute of High Voltages"		0
		0	0	LLC "ISOPLAST", LLC NPP "ES Polymer", LLC "SLAVENERGOPROM", SE "Research Institute of High Voltages"		0
		0	0	Belotserkovsky plant of reinforced concrete / Svitlovodsky plant of reinforced concrete / Novomoskovsk plant of reinforced concrete (Reclamation)		0
		0	0	Belotserkovsky plant of reinforced concrete / Svitlovodsky plant of reinforced concrete / Novomoskovsk plant of reinforced 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		0
		0	0	high-voltage Equipment Chernihiv cable, Intercable		0
		0	Ō	Chernihiv cable, Intercable		0
		0	0	Chernihiv cable, Intercable		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	Lviv Insulation Company LLC		0
	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	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
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	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky Transformer Plant		0
	0	0	Khmelnytsky 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 infractions properly. Hospitals cannot provide quality treatment and care for the sick. Police stations do not hully carry out the fight against crime. Kindergartens and educational institutions do not carry out deducational institutions of continuous control of the c
	0	0	China, Europe, North America.		Power supply to critical infrastructure during the power f-all recovery (hospitals, police stations, social facilities, control recovery and production sites of the system operators). During a shortage of deciric power supply, critical infrastructure facilities (hospitals cannot provide quality treatment and care for the sick. Police stations do no fully carry out the fight against crime. Kindergartens and educational institutions on to carry out deucational 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 an 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 powe 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 powe 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 powe 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 powe 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 powe 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 powe outage, ind. 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 powe 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 powe 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 powe 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 powe 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 powe 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 powe 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 powe 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 powe 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 itting machines to ensure the lifting of people from the mine in the case of a powe 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 powe 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 powe 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 powe 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 itting machines to ensure the lifting of people from the mine in the case of a powe 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
		0	0	Germany, China, Poland, Europe	mining work. 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
	l .	0	0	Poland, Turkey, China, USA, Europe	For mine workings: fastening of mine

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

	0	0	Poland, Turkey, China, USA, Europe	Equipping scraper conveyor chains for transporting coal during mining and traction chains for coal mining combines
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Air supply for ventilation in the faces during mining with subsequent coal mining.
	0	0	Poland, Turkey, China, USA, Europe	Conducting welding work during the repair of coal mining Equipment
	0	0	Poland, Turkey, China, USA, Europe	Conducting welding work during the repair of coal mining Equipment
	0	0	Poland, Turkey, China, USA, Europe	Conducting welding work during the repair of coal mining Equipment
	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	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	Floor roads, for organizing transport along the Equipment shaft, people on floor roads.
	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	Mining Hardware repair tool

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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 section 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 section in new coal mining faces
	0	0	Poland, Turkey, China, USA, Europe	Repair of metal structures of lining section in new coal mining faces
	0	0	Poland, Turkey, China, USA, Europe	Repair of metal structures of lining section in new coal mining faces
	0	0	Poland, Turkey, China, USA, Europe	Repair of metal structures of lining section 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
	0	0	Poland, Turkey, China, USA, Europe	(replacement in hydraulic systems) For the repair of mining Equipment
	0	0	Poland, Turkey, China, USA, Europe	(replacement in hydraulic systems) For the repair of mining Equipment
	0	0	Poland, Turkey, China, USA, Europe	(replacement in hydraulic systems) For the repair of mining Equipment
	0	0	Poland, Turkey, China, USA, Europe	(replacement in hydraulic systems) For the repair of mining Equipment
				(replacement in hydraulic systems) Assembly of powered roof supports for new
	0	0	Poland, Turkey, China, USA, Europe	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 ner coal mining faces. Replacement of failed lining sections in coal mining faces.
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	0	0	Poland, Turkey, China, USA, Europe	Assembly of powered roof supports for ner 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
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	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

	0	0	Poland, Turkey, China, USA, Europe	Ensuring the operation of belt conveyors that transport coal.
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	0	0	Poland, Turkey, China, USA, Europe	For mining and repair of mining Equipment
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	0	0	Poland, Turkey, China, USA, Europe	For mining and repair of mining Equipment
	Mechanisms	0	0	For pumping of ground and process water from negative elevations of machine rooms in case of stations shutdown with loss of electrical auxiliary needs
	0	0	0	In case of loss of electrical it is needed for power supply of compressor stations with air of switches of different voltage class
	0	0	0	To provide drive of submersible pumps during station shutdown with loss of electrical auxiliary need:
	0	0	0	Submersible pumps are required to pump groundwater from the underground gallerie of the solid fuel supply path to production from the warehouse or wagons
	0	0	0	To provide personnel with drinking water in the conditions of stopping stations or drinking water pumps
	0	0	0	To provide lighting during the liquidation of damages during the shutdown of the station with the loss of electrical auxiliary needs
	0	0	0	For rapid emergency recovery works after shelling of the station infrastructure
	0	0	0	For rapid emergency recovery works after shelling of the station infrastructure
	0	0	0	For rapid emergency recovery works after shelling of the station infrastructure
	Mechanisms	0	0	For the use of bump hammers in the elimination of rubble, as well as the blowdown of gas pipelines during the shutdown of stations with the loss of electrical auxiliary need:
	0	0	0	To coordinate the actions of employees during emergency recovery operations
	0	0	0	Open switchgear Equipment can be restored as quickly as possible
	0	0	0	Open switchgear Equipment can be restored as quickly as possible
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	0	0	0	shelling of the territory and open switchgear, that led to fires during	
				hostilities. This Equipment is necessary to restor	e the
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Resto	oration	HeUrgent	44682			Ensuring the main technological process	Ensuring the main technological process
rese	rgency serve	Urgent	44652	0	0	Power supply in the conditions of long-term interruption of power supply	Power supply in the conditions of long-ter interruption of power supply
Emer	rgency serve	Urgent	44652	0	0	Lighting of emergency repair sites	Lighting of emergency repair sites
Emer	rgency serve	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
Emer	rgency serve	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 pow supply
	rgency serve	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 corporatinetworks
	rgency serve	Urgent	44652	https://www.starlink.com/	StarLink	Providing access to the Internet in the event of damage to telecommunications networks	Providing access to the Internet in the even of damage to telecommunications network
Emer	rgency serve	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
Emer	rgency serve	Urgent	44652	0	0		0
Resto	oration	Urgent	44652	0	0		0
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			0	https://www.sfera.sk/en/products/ xmtrade/description/	JSC "Sphere"		Software for trading in electricity in the markets of neighboring countries
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					increasing the number of requests to verify
					the validity of imposed qualified electronic signatures and issued signatures.
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	as soon as possible	0	0	To ensure the sustainable operation of the branch
	as soon as possible	anywhere	any	Appointment - urgent organization of remote jobs
	as soon as possible	anywhere	any	Appointment - protection of employees of VVO branches
	as soon as possible	anywhere	any	Appointment - protection of employees of VVO branches
	as soon as possible	anywhere	any	Purpose - to ensure the protection of branches
	as soon as possible	anywhere	any	Appointment - protection of employees of VVO branches
	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	Mahle (Germany)	Purpose - replacement in speed regulator
	as soon as possible	anywhere	any	Purpose - replacement in bypass filters
	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	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	Appointment - urgent organization of remote jobs
	as soon as possible	anywhere	any	Purpose - the organization of wireless access to the network
	as soon as possible	anywhere	any	Purpose - replacement of obsolete printi devices
	as soon as possible	anywhere	any	Appointment - resumption of BFP
	as soon as possible	anywhere	any	Purpose - to restore the plotter
	 as soon as possible	anywhere	any	Purpose - to replace old meters in commercial metering points
	0	anywhere	any	Purpose - to transport workers
	as soon as	anywhere	any	Organization of uninterruptible power
	possible as soon as	anywhere	any	supply of automatic telephone exchang communication organization
	possible as soon as possible	anywhere	any	To ensure the operation of the branch: f Alspa excitation systems "Alstom"
	as soon as possible	anywhere	any	To ensure the operation of the branch: f 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: for Alspa excitation systems "Alstorn"
	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"
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	possible as soon as possible	anywhere	any	Alspa excitation systems "Alstom 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 "Alstorn"
	as soon as possible	anywhere	any	To ensure the operation of the branch: for Alspa excitation systems "Alstom"
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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
	as soon as possible	anywhere	any	Alspa excitation systems "Alstom 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" To ensure the operation of the branch: fo
	as soon as possible	anywhere	any	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
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	possible as soon as	anywhere	any	To ensure the operation of the branch
	possible	diymere	uny	TO ensure the operation of the branch
	as soon as possible	anywhere	any	Purpose: providing power to DC consume
	as soon as	anywhere	any	To ensure construction and operation
	possible			Purpose: ensuring the efficiency of the
	as soon as possible	anywhere	any	equipment (Spare parts for the pump NTVP-2A hydraulic unit Ne2) Purpose: ensuring the efficiency of the
	as soon as possible	anywnere	any	equipment (Spare parts for the pump NTVP-2A hydraulic unit Ne2) Purpose: ensuring the efficiency of the
	possible as soon as	anywhere	CONCERNED	equipment Purpose: ensuring the efficiency of the
	possible as soon as		*	equipment Purpose: ensuring the efficiency of the
	possible as soon as	allywhere	CONCERNED GARDNER DENVER BELLISS &	equipment Purpose: ensuring the efficiency of the
	possible	anywnere	MORCOM	equipment
	as soon as	anywhere	ABB	Purpose: ensuring the efficiency of the

	as soon as possible	anywhere	ABB	Purpose: ensuring the efficiency of the equipment
	as soon as possible	https://220volt.com.ua/nasos- skvazhinnij-grundfos-sq-3-80- 96510208/	Grundfos	Purpose: drainage water drainage
	as soon as possible	https://www.dell.com/en- uk/work/shop/laptop-computers-2- in-1-pcs/latitude-5424-bild-your- own/spd/latitude-14-5424-laptop/ xctol542414emea? configurationid = 0c94fe51-e04f-435f-ae29- 199ac5c8fa4e	any	Appointment - urgent organization of remote jobs
	as soon as possible	https://www.bechtle.com/at- en/shop/dell-precision-5550-i7-16- 512gb4465828p	any	Appointment - urgent organization of remote jobs
	as soon as possible	www.abb.eu	any	For equipment operability
	as soon as possible	www.abb.eu	any	For equipment operability
	as soon as	https://telefire.com/he/products/a	any	For equipment operability
	possible as soon as	dr-3000/ https://telefire.com/he/products/a	any	For equipment operability
	possible as soon as	dr-3000/ https://telefire.com/he/products/a		
	possible as soon as	dr-3000/ https://telefire.com/he/products/a	any	For equipment operability
	possible	dr-3000/	any	For equipment operability
	as soon as possible	https://satphones.eu	any	For equipment operability
	as soon as possible	https://www.gegridsolutions.com/ multilin/catalog/g60.htm	any	For equipment operability
	as soon as possible	https://www.se.com/ru/ru/downlo ad/document/P633_EN_M_R- 32 311 652/	any	For equipment operability
	as soon as possible	https://www.se.com/ww/en/downl oad/document/P634 EN M R-	any	For equipment operability
	as soon as possible	21 310 651/ https://www.hitachienergy.com/ru /ru/offering/product-and- system/substation-automation- protection-and- control/products/protection-and- control/generator-	any	For equipment operability
	as soon as possible	protection/reg670 https://new.abb.com/products/ru/ 1MRK004816-BG/ret670-b30-ver-2-	any	For equipment operability
	as soon as possible	https://www.se.com/ru/ru/downlo ad/document/P437_RU_AD_AA7/	any	For equipment operability
	as soon as	https://www.gegridsolutions.com/	any	For equipment operability
	as soon as possible	multilin/catalog/f60 htm https://www.hitachienergy.com/ru /ru/offering/product-and- system/substation-automation- protection-and- control/products/protection-and- control/line-distance-	any	For equipment operability
	as soon as possible	protection/rel670 https://new.siemens.com/global/en /products/energy/energy- automation-and-smart- grid/protection-relays-and- control/siprotec-5/distance- protection/distance-protection- siprotec-7sa87.html	any	For equipment operability
	as soon as possible	https://new.abb.com/medium- voltage/ru/reshenia-dlya- avtomatizatsii-raspred- seti/tsifovie-rele/upravleniye-i- zaschita-fidera/ustroistvo-ref615- (%D0%BC%D1% 8D% D0% BA)	any	For equipment operability
	as soon as possible	https://www.gegridsolutions.com	any	For equipment operability
	as soon as	https://www.gegridsolutions.com	any	For equipment operability
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	possible as soon as	https://www.gegridsolutions.com	any	
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	as soon as possible	https://www.gegridsolutions.com	any	For equipment operability
	as soon as possible	https://www.gegridsolutions.com	any	For equipment operability

		as soon as possible	https://www.tracopower.com/int/ model/txl-070-24s	any	For equipment operability
		as soon as possible	https://www.tracopower.com/	any	For equipment operability
		as soon as possible	https://www.phoenixcontact.com/u k-ua/produkcija/ystochnyk- pytanyya-quint-ps-100-240ac24dc-5- 2938581	any	For equipment operability
		as soon as possible	https://www.phoenixcontact.com	any	For equipment operability
		as soon as possible	https://www.veritableaviation.com /nsn/rfq/alstom-power-conversion- inc/5998013052891/sca-602a/	any	For equipment operability
		as soon as possible	https://www.se.com/ww/en/produ ct/XMLR010G0T25/electronic- pressure-sensors-pressure-sensors- xm-xmlr-10-bar-g-1-4-24-vdc-4-20- ma-m12.	any	For equipment operability
		as soon as possible	https://www.distrelec.de/en/netwo rk-switch-8x-10-100-1000- unmanaged-tp-link-tl- se1008d/p/30025620	any	For equipment operability
		as soon as possible	https://www.amazon.co.uk/HP- 3600-Poe-Switch-JG301- 61101/dp/B00H2DK1XY	any	For equipment operability
		as soon as possible	https://www.amazon.com/dp/B009 Z1RBF2	any	For equipment operability
		as soon as possible	https://www.memory4less.com/fini sar-network-transceiver-fclf-8521-3- hc	any	For equipment operability
		as soon as possible	https://www.memory4less.com/hp- network-transceiver-1990-4065	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	anywhere	ABB	Ensuring reliable operation of the 154 kV
		possible as soon as	anywhere	ABB	VRU Ensuring reliable operation of the 330 kV
		possible as soon as possible	anywhere	ABB	VRU 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	anywhere	OMICRON	Providing measurements and high-voltage
		possible as soon as	anywhere	OMICRON	tests Providing measurements and high-voltage
		possible as soon as	anywhere	OMICRON	tests Providing measurements and high-voltage
		possible as soon as	anywhere	BALIR	tests Providing measurements and high-voltage
		possible as soon as	anywhere	BAUR	tests Providing measurements and high-voltage
	1	possible	anywnere	DAUR	tests

as soon as		T	Ensuring the reliability of the station control
possible	anywhere	EMERSON	system OVATION
as soon as possible	anywhere	EMERSON	Ensuring the reliability of the station control system OVATION
as soon as possible	anywhere	EMERSON	Ensuring the reliability of the station control system OVATION
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as soon as possible	anywhere	EMERSON	Ensuring the reliability of the station control system OVATION
as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
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as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as possible as soon as	anywhere	any	Ensuring the reliability of the Verkhovna Rada Ensuring the reliability of the Verkhovna
as soon as possible as soon as	anywhere	any	Ensuring the reliability of the Verkhovna Rada Ensuring the reliability of the Verkhovna
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as soon as possible	anywhere	any	Ensuring the reliability of the Verkhovna Rada
as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as	anywhere	any	Ensuring the reliability of the network of
possible as soon as	anywhere	any	own needs Ensuring the reliability of the network of
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possible	anywhere	any	Ensuring the reliability of the network of own needs
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as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as possible	anywhere	any	Ensuring the reliability of the network of own needs
as soon as	anywhere	any	Ensuring the implementation of repair work
possible as soon as	anywhere	any	Ensuring the implementation of repair work
possible as soon as	anywhere	any	Ensuring the implementation of repair work
possible as soon as			Ensuring the reliability of hydropower
possible as soon as	anywhere	any	heating Ensuring the reliability of hydropower
possible as soon as	anywhere	any	heating Ensuring the reliability of hydropower
possible	anywhere	any	lighting
as soon as possible	anywhere	any	Ensuring the reliability of hydropower lighting
as soon as possible	anywhere	any	Ensuring the reliability of hydropower lighting
as soon as possible	anywhere	any	Ensuring the reliability of hydropower lighting
as soon as possible	anywhere	any	Ensuring the reliability of hydropower lighting
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possible as soon as	anywhere	any	lighting Ensuring the reliability of hydropower
possible as soon as	anywhere	any	lighting Ensuring the reliability of hydropower
possible as soon as		-	lighting Ensuring the reliability of hydropower
possible as soon as	anywhere	any	lighting Ensuring the reliability of hydropower
possible as soon as	anywhere	any	lighting
possible	anywhere	any	Appointment - urgent organization of remote jobs
as soon as possible	anywhere	any	To ensure the protection of the branch
as soon as possible	anywhere	any	To ensure the protection of the branch
as soon as possible	anywhere	any	To ensure the protection of the branch
as soon as	anywhere	any	To ensure the protection of the branch
possible as soon as	anywhere	any	To ensure the protection of the branch
possible	any which	uny	. S chadre the protection of the bidlich

	as soon as possible	anywhere	any	1	Non-contact measurement of surface temperatures
	as soon as	anywhere	any		To determine the quality of SF6
	possible as soon as				
	possible	anywhere	any		To measure the transient resistance
	as soon as possible	anywhere	any		Excitation systems
	as soon as possible	anywhere	any		Emergency stock
	as soon as				
	possible	anywhere	any		0
	0	0	0		0
	0	anywhere	any		0
	0	0	PeakTech +49 4102 97398 80		0
	0	0	Tesla INDUSTEL		0
	0	0	0		Compressor repair № 1, 2
	0	0	0		0
	0	0	TIVAL Sensors GmbH		Compressor repair № 1, 2 range of new simple and economical
	0	0	Nortel Networks Corporation Nortel Networks Corporation	fe re	patures and capabilities for rob. seat ducing the cost of operation due to the simplicity of programming and
	0	0	0		administration Repair speed regulator
	0	0	TELE		Compressor ventilation repair
	0	0	ETI		Compressor ventilation repair
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			Epicenter	Lily RudokVas - 0677419003		
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	44635	Paton Factory	Dmytro Nemykin - 0504115082	
	44635	Paton Factory	Dmytro Nemykin - 0504115082	
	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) -	
	44627	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	44635	Epicenter	0674047932 Lily RudokVas - 0677419003	
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		Epicenter	Lily RudokVas - 0677419003	
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	44635	Paton Factory	Dmytro Nemykin - 0504115082	
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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) - 0674047932	
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	44635	Epicenter	Lily RudokVas - 0677419003	
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		Epicenter	Lily RudokVas - 0677419003	
	44635	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
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	44635	Paton Factory	Dmytro Nemykin - 0504115082	

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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) - 0674047932	
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	44635	Paton Factory	Dmytro Nemykin - 0504115082	
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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) -	
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	44635	Epicenter	Lily RudokVas - 0677419003	
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			Epicenter	Lily RudokVas - 0677419003	
		44635	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
		44635	Kamitech	Rafal Wiśniewski, 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) -	
		44627	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
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		Epicenter	Lily RudokVas - 0677419003	

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	44635	Kamitech	Rafal Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	44635	Paton Factory	Dmytro Nemykin - 0504115082	
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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) - 0674047932	
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	44635	Epicenter	U674047932 Lily RudokVas - 0677419003	
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			Epicenter	Lily RudokVas - 0677419003	
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		44635	Kamitech	Rafał Wiśniewski,	
		44033	Kallitech	rafal@kamitech.pl + 48 513 101 354	
		44635	Paton Factory	Dmytro Nemykin - 0504115082	
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		44033	Epicenter	Lily Naudokvas - 00//419003	
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		44627	Epicenter	Lily RudokVas - 0677419003	
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		Epicenter	Lily RudokVas - 0677419003	
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	44635	Paton Factory	Dmytro Nemykin - 0504115082	

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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) - 0674047932	
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	44635	Epicenter	Lily RudokVas - 0677419003	
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		Epicenter	Lily RudokVas - 0677419003		
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	44635	Paton Factory	Dmytro Nemykin - 0504115082		
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	44627	LLC Gazpolimerkomplekt	Yuri Ganzha (director) -		
			Yuri Ganzha (director) -		
	15.03.2022	Epicenter	Lily RudokVas - 0677419003		
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		44635 44635 44635 44635 44635 44627 07.03.2022 15.03.2022 15.03.2022 15.03.2022 15.03.2022 15.03.2022	### ##################################	### Epicenter Lly RudokVas - 0677419003	### Epicenter Lily RudokVas - 0677419003

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15.03.2022			
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	

15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 Epicenter Lily RudokVas - 0677419003 Rafal Wiśniewski,	
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Rafal Wiśniewski,	
15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt	
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	
	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	
	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	
	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	
	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	
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyrv, 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	
	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			
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs94gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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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	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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		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
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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	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal 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	
	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 "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	
	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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyjv, 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	Epicenter	Lily RudokVas - 0677419003	
	07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafal Wiśniewski, 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, 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 "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		
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
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07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		07.03.2022			
07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07.03.2022			
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			ESDERS	Martin Esders, martin@esders.de, +4915119565000	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	01.00.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafal 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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 "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 "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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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	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 Lily RudokVas - 0677419003	
15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022		sparring news - 0676724561	

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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	

15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
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15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt	
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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyrv, 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	
	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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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			

	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs94gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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	
	07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 Lily RudokVas - 0677419003	
	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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		07.03.2022			
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		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
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		15.03.2022			
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	01.04.2022			
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		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Paton Factory	Dmytro Nemykin - 0504115082	
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	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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	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

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	01.04.2022			
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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	Rafal Wiśniewski, 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		
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	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 "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		
	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		
	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		
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
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07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,					
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07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07 03 2022			
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	15.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
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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	Rafal 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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 "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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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	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
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15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
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15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt	
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, 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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, 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	
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	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	07.03.2022			
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			

	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs94gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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	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	
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	07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 Lily RudokVas - 0677419003	
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		07.03.2022			
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		15.03.2022			

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	01.04.2022			
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		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal 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	
	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 "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	
	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	
	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	
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyjv, 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	
	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, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafal Wiśniewski, 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, 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		
	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 "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		
	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		
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
07.03.2022 Epicenter Lily RudokVas - 0677419003 07.03.2022 Epicenter Lily RudokVas - 0677419003 15.03.2022 Sparring news - 0676724561 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 O7.03.2022 07.03.2022 O7.03.2022		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 Sparring news - 0676724561 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 Martin Esders, martin@esders.de,		07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		15.03.2022			
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07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07 03 2022			
			ESDERS	Martin Esders, martin@esders.de, +4915119565000	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	01.00.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafal 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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	
	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	
	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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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	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	

15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 Epicenter Lily RudokVas - 0677419003 Rafal Wiśniewski,	
Epicenter Llly RudokVas - 0677419003 Rafal Wiśniewski,	
Rafal Wiśniewski,	
15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt 05/4047932	
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	
	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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyrv, 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	
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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	
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	07.03.2022			
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	07.03.2022			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			

	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs94gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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	
	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	
	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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	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	
	07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
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	01.04.2022			
	01.04.2022			
		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal 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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyjv, 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	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	07.03.2022			
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	07.03.2022			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

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	15.03.2022			
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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	Rafal Wiśniewski, 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, 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 "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		
	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		
	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		
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
07.03.2022 Epicenter Lily RudokVas - 0677419003 07.03.2022 Epicenter Lily RudokVas - 0677419003 15.03.2022 Sparring news - 0676724561 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 O7.03.2022 07.03.2022 O7.03.2022		07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,					
07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		15.03.2022			
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07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07.03.2022			
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			ESDERS	Martin Esders, martin@esders.de, +4915119565000	

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	15.03.2022			
	07.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
	01.04.2022			

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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	Rafal 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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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07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	07.03.2022			
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	07.03.2022			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	

15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 Epicenter Lily RudokVas - 0677419003 Rafal Wiśniewski,	
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15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt 05/4047932	
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	
	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	
	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	
	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	
	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	
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyrv, 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	
	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			
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			

	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs94gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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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	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	
	07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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		07.03.2022			
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
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		15.03.2022			
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	01.04.2022			
	01.04.2022			
		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal 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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	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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyjv, 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	
	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			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
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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	Rafal Wiśniewski, 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		
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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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
07.03.2022 Epicenter Lily RudokVas - 0677419003 07.03.2022 Epicenter Lily RudokVas - 0677419003 15.03.2022 Sparring news - 0676724561 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 O7.03.2022 07.03.2022 O7.03.2022		07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,					
07.03.2022 sparring news - 0676724561 07.03.2022 07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		15.03.2022			
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07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		07.03.2022			
07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
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	15.03.2022			
	07.03.2022			
	01.00.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
	01.04.2022			

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		Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	Paton Factory	Dmytro Nemykin - 0504115082	
	07.03.2022	LLC Gazpolimerkomplekt	Yuri Ganzha (director) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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	
	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	
	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 "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	
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	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 Lily RudokVas - 0677419003	
15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	

15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 Epicenter Lily RudokVas - 0677419003 Rafal Wiśniewski,	
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Rafal Wiśniewski,	
15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt 05/4047932	
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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyrv, 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	
	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			
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	07.03.2022			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			

	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 558 48 20 (accounting it email: kromwifs9+@pmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	15.03.2022			
	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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 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	
	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 "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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	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			
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
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	01.04.2022			
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		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
	15.03.2022	Kamitech	Rafal 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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	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	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

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

ESG COMPANY: Address: Kylv, st. Vyschelselvis Chomonyl, 27 (Office 216), 3rd 15:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 07:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2022 Epicentier Livy Rudol/vis-0677418003 15:03.2					
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022	Kyiv, st. Vyacheslav Chornovil, 27 (office 216), 3rd	Tel: +38 (044) 561-58-88 e-mail: info@esg.kiev.ua	
07.03.2022 Epicenter Lily RudokVas - 0677419003		15.03.2022			
07.03.2022 Epicenter Lily RudokVas - 0677419003 07.03.2022 Epicenter Lily RudokVas - 0677419003 15.03.2022 Sparring news - 0676724561 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 07.03.2022 O7.03.2022 O7.03.2022 07.03.2022 O7.03.2022		07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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07.03.2022 07.03.2022 Martin Esders, martin@esders.de,		07.03.2022			
07.03.2022 dr. 03.2000 Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07.03.2022			
Martin Esders, martin@esders.de,		07 03 2022			
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	15.03.2022			
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	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromvkf94@gmail.com URL: http: // www. krom.us	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
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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	Rafal 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022			
	15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 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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01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
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15.03.2022			
07.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): +38 (050) 190 46 06 +38 (050) 353 37 93 +38 (050) 558 48 201 (accounting E-mail: kromwl/94@gmail.com URL: http: // www. krom.ua	
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15.03.2022 15.03.2022 RAVETTI Emanuele franceschini, +39.329 1466873, emanuele franceschini@ravetti.com 01.04.2022 O1.04.2022 Epicenter Liby RudokVas - 0677419003	
01.04.2022 RAVETTI Emanuele franceschini, +39 329 1466873, emanuele franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
01.04.2022 RAVETTI 1.466873, emanuele.franceschini@ravetti.com 01.04.2022 01.04.2022 Epicenter Lily RudokVas - 0677419003	
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15.03.2022 Kamitech Rafal Wiśniewski,	
15.03.2022 rafnitecn rafal@kamitech.pl + 48 513 101 354	
Rafal Wiśniewski, 15.03.2022 Karnitech 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 Gantha (director) - 0674047932	
07.03.2022 LLC Gazpolimerkomplekt 05/4047932	
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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, 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	
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
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	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
	01.04.2022			
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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	Rafat 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) -	
	07.03.2022	LLC Gazpolimerkomplekt	0674047932 Yuri Ganzha (director) -	
	15.03.2022	Epicenter	0674047932 Lily RudokVas - 0677419003	
	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022				
	07.03.2022	Epicenter	Lily RudokVas - 0677419003		
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	07.03.2022 15.03.2022	Epicenter Epicenter	Lily RudokVas - 0677419003 Lily RudokVas - 0677419003		
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		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
		07.03.2022			
		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Artelna, 9	Phone (mobile): + 38 (050) 190 46 06 + 38 (050) 363 37 93 + 38 (050) 556 48 20 (accounting E-mail: kromwkf94@pmail.com URL: http: // www. krom.ua	
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	01.04.2022			
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		Epicenter	Lily RudokVas - 0677419003	
		Epiceritei	Elly Rudokvas - 0077415003	
	15.03.2022	Kamitech	Rafał Wiśniewski, rafal@kamitech.pl + 48 513 101 354	
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	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	15.03.2022	Epicenter	Lily RudokVas - 0677419003	
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	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	
	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	
	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	
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com	
	15.03.2022	ESG COMPANY: Address: Kyjv, 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	

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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			
	07.03.2022		sparring news - 0676724561	
	07.03.2022			
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	07.03.2022			
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
	15.03.2022			
	07.03.2022			
	15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile): +38 (050) 190 46 06 + 38 (050) 363 37 93 +38 (050) 558 48 20 (accounting) E-mail: kromwld94@gmail.com URL: http: // www. krom.ua	

	15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
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	15.03.2022			
	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
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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	Rafal Wiśniewski, 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, 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		
	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 "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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	01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele franceschini@ravetti.com		

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Martin Esders, martin@esders.de,		07 03 2022			
			ESDERS	Martin Esders, martin@esders.de, +4915119565000	

		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119565000	
		15.03.2022			
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		15.03.2022	LLC PKF "KROM" 49081, m. Dnipro st. Arteina, 9	Phone (mobile]: +38 (050) 190 46 06 +38 (050) 363 37 93 +38 (050) 363 584 20 (2counting] E-mail: kromvkf94@gmail.com URL: http://www.krom.us	
		15.03.2022	ESDERS	Martin Esders, martin@esders.de, +4915119965000	
		15.03.2022			
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		01.04.2022	RAVETTI	Emanuele Franceschini, +39 329 1466873, emanuele.franceschini@ravetti.com	
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		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
L		30/04/2022		PE "BC" BUDREM PLUS "	 VP "Mine" Stepova lava 137
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		30/04/2022		LLC "NPAO VNII compressormash" Sumy	VP "Mine" Stepova lava 137

	30/04/2022	"Novogrudov Machine- Building Plant"	VP "Mine" Stepova lava 137
	30/04/2022	Alteco LLC	VP "Mine" Stepova lava 137
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	30/04/2022	PJSC "Poltava Fan Plant"	VP "Mine" Stepova lava 137
	30/04/2022	Gormak Machine-Building Company Ltd.	VP "Mine" Stepova lava 137
	30/04/2022	Gormak Machine-Building Company Ltd.	VP "Mine" Stepova lava 137
	30/04/2022	PE "Prompidshipnik" Pavlograd	VP "Mine" Stepova lava 137
	30/04/2022	LLC "ALZO" Kyiv	VP "Mine" Stepova lava 137
	30/04/2022	LLC "ALZO" Kyiv	VP "Mine" Stepova lava 137
	30/04/2022	PE "BC" BUDREM PLUS "	
	30/04/2022	PPF "Spetsremmash"	VP "Mine" Forest "bench 182
	31.03.2022	Euromastil LLC, Lutsk	UZVP
	30/04/2022	MIX TRADING LLC	UZVP
	30/04/2022	"Betalon" Sumy	UZVP
	30/04/2022	"Betalon" Sumy	UZVP
	30/04/2022	WOG	UZVP
	30/04/2022	STELSMASH LLC	UZVP
	30/04/2022	Rukav-GST Plant LLC	UZVP
	30/04/2022	Rukav-GST Plant LLC	UZVP
	30/04/2022	"Prom-YUA" Lutsk	UZVP
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