

**Reconstruction of the terminal building  
of “Eugen Doga” International Airport  
– Chisinau (cadastral no.  
0100120.236.01), with partial replanning  
of premises and extension in dimensions**

Form No. 1B

(name of the facility)

WinEstimate

**Cost Estimate-Offer No. 2-11-1**

**Block 1A, 1B, 1C**

**Information and Communications Technology (ICT section)**

(name of works)

Coefficient for basic wages = 1,1500

Coefficient for cost of machine operation = 1,1500

No.	Norm symbol and resource code	Description of works	Unit of measure (U.M.)	Quantity according to the design data
1	2	3	4	5
		<b>1. Installation Works</b>		
		<b>1.1. Computer networks</b>		
1	10-08-003-03	Devices: power supply and control unit	pieces	17,000
	1	Worker	man-hours	97,7500
	1010219	Gypsum binder “G-3”	tonne	0,0003
	1011963	Pine rosin	kg	0,0272
	1012206	Plastic spacer dowels, screws 12 × 70 mm	10 pieces	5,1000
	5220076	Tin-lead solder alloy without antimony, grade POS40	kg	0,2720
	330206	Electric drills	machine-hours	2,5415
2	10-03-013-05	Power Plant Equipment: Switch	pieces	11,000
	1	Worker	man-hours	85,5140
	1011481	Screws with round head, 4 × 40 mm	tonne	0,0121
	5220076	Tin-lead solder alloy without antimony, grade POS40	kg	0,0330
	030101	Forklifts, 5 tonne	machine-hours	3,4155
3	10-04-	Additional installation of components on	pieces	8,000

1	2	3	4	5
	030-01	consoles and panels: SFP modules		
	1	Worker	man-hours	9,2000
4	10-03-013-05	Power Plant Equipment: Switch	pieces	4,000
	1	Worker	man-hours	31,0960
	1011481	Screws with round head, 4 × 40 mm	tonne	0,0044
	5220076	Tin-lead solder alloy without antimony, grade POS40	kg	0,0120
	030101	Forklifts, 5 tonne	machine-hours	1,2420
5	10-04-066-07	Wall-mounted devices: RJ-45 socket	pieces	260,000
	1	Worker	man-hours	299,0000
	1011665	Electro-insulating varnish “318”	kg	0,5200
	1012073	Coarse threads	kg	0,5200
	4110041	Electrical energy	kw-h	3,1200
	5220077	Tin-lead solder alloys without antimony, grade “ПЛОС30” kg 0,20	kg	0,5200
	5440089	Insulating adhesive tape on polycasing compound, brand “LSEPL” (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	0,2600
6		Information socket RJ-45	pieces	260,000
	60010	Information socket RJ-45	pieces	260,0000
7	10-04-030-01	Additional installation of components on consoles and panels: Patch panel	pieces	5,000
	1	Worker	man-hours	5,7500
8	08-02-144-1	Connection of conductor wires or cables to terminals, cross-section up to: 2,5 mm <sup>2</sup>	100 pieces	5,000
	1	Worker	man-hours	69,0000
9		RJ-45 solid connector, 50 μm	pieces	300,000
	60013	RJ-45 solid connector, 50 μm	pieces	300,0000
10		8P8C RJ-45 connector (computer), shielded	pieces	200,000
	60014	8P8C RJ-45 connector (computer), shielded	pieces	200,0000
11	10-02-051-03	Laying and connection of cables, conductors, busbars: Cable interconnection jumpers between rack sections: installed in cable trunking – SC–SC patch cord, Unshielded Twisted Pair (UTP)	100 pieces	0,780

1	2	3	4	5
	1	Worker	man-hours	3,6777
12	10-04-030-01	Additional installation of components on consoles and panels: TW Patch panel	pieces	23,000
	1	Worker	man-hours	26,4500
13	10-06-037-05	Wall cabinet, size, mm, up to: 640×840	pieces	4,000
	1	Worker	man-hours	9,4760
	1011484	Screws with round head, 8 × 100 mm	tonne	0,0001
	1012206	Plastic spacer dowels, screws 12 × 70 mm	10 pieces	4,8000
	1130211	Protective enamel "EP-140"	kg	3,6000
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,0920
14	10-04-066-07	Wall-mounted equipment: RJ-11 socket	pieces	12,000
	1	Worker	man-hours	13,8000
	1011665	Electro-insulating varnish "318"	kg	0,0240
	1012073	Coarse threads	kg	0,0240
	4110041	Electrical energy	kw-h	0,1440
	5220077	Tin-lead solder alloys without antimony, grade "ПЛОС30" kg 0,20	kg	0,0240
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	0,0120
15		Single-module white Mosaic RJ-11 socket	pieces	12,000
	60019	Single-module white Mosaic RJ-11 socket	pieces	12,0000
16	08-02-412-2	Pulling conductors into installed pipes and hoses: total cross-section up to 6 mm <sup>2</sup>	100 m	66,600
	1	Worker	man-hours	516,2166
	1011764	Ground talc, grade I	tonne	0,0400
	1019852	Paint	kg	1,3320
	5009041	Clamping device – branch connector	100 pieces	20,6460
	5009056	Insulating caps	10 pieces	53,2800
	5009061	Insulating sleeve	pieces	812,5200
	5009140	Connection sleeves	100 pieces	3,3300
	5009500	Marking tags	100 pieces	1,3320
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	10,6560
	021102	Truck crane on automobile chassis for installation	machine-	1,5318

1	2	3	4	5
		of technological equipment (except main pipelines), 10 tonnes	hours	
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	1,5318
17		F/UTP Category 5e cable (Foiled/Unshielded Twisted Pair), ten twisted pairs	m	5 200,000
	60021	F/UTP Category 5e cable (Foiled/Unshielded Twisted Pair), ten twisted pairs	m	5 200,0000
18		FO-24 optical cable (Fiber Optic cable, 24 fibers)	m	370,000
	60022	FO-24 optical cable (Fiber Optic cable, 24 fibers)	m	370,0000
19		FO-12 optical cable (Fiber Optic cable, 12 fibers)	m	100,000
	60023	FO-12 optical cable (Fiber Optic cable, 12 fibers)	m	100,0000
20		FO-8 optical cable (Fiber Optic cable, 8 fibers)	m	290,000
	60024	FO-8 optical cable (Fiber Optic cable, 8 fibers)	m	290,0000
21		FO-2 optical cable (Fiber Optic cable, 2 fibers)	m	700,000
	60025	FO-2 optical cable (Fiber Optic cable, 2 fibers)	m	700,0000
22	10-06-037-12	Cabinets, boxes and junction boxes for conduit installations: Terminal box	100 pieces	1,800
	1	Worker	man-hours	51,1704
	1010985	Hot-rolled carbon steel strip, grade St6sp, thickness 10–75 mm, width 100–200 mm	tonne	0,0108
	1019103	Spacer dowels	100 pieces	3,6000
	1130211	Protective enamel “EP-140”	tonne	0,0360
23		Two-gang mounting box, 140 × 65 × 45 mm	pieces	130,000
	60027	Two-gang mounting box, 140 × 65 × 45 mm	pieces	130,0000
24		Single-gang mounting box	pieces	50,000
	60028	Single-gang mounting box	pieces	50,0000
25	08-02-390-3	Plastic trunking with width up to 120 mm.	100 m	3,500
	1	Worker	man-hours	81,8282
	101-1485	Pan head screws 4x40 mm	kg	4,9000
	101-2202	Polyethylene spacer dowels 6 × 40 mm	pieces	1 400,0000
	134041	Screwdriver device	machine-hours	30,7107
	331451	Electric hammer drills	machine-	30,7107

1	2	3	4	5
			hours	
26		DLP-S cable trunking with cover, 85 × 50 mm	m	350,000
	60030	DLP-S cable trunking with cover, 85 × 50 mm	m	350,0000
27		DLP-S snap-on cover, 85 × 50 mm	pieces	90,000
	60031	DLP-S snap-on cover, 85 × 50 mm	pieces	90,0000
28		DLP-S T-junction, 85 × 50 mm	pieces	50,000
	60032	DLP-S T-junction, 85 × 50 mm	pieces	50,0000
29		DLP-S internal corner, 85 × 50 mm	pieces	30,000
	60033	DLP-S internal corner, 85 × 50 mm	pieces	30,0000
30		DLP-S external corner, 85 × 50 mm	pieces	10,000
	60034	DLP-S external corner, 85 × 50 mm	pieces	10,0000
31		DLP-S flat angle, 85 × 50 mm	pieces	30,000
	60035	DLP-S flat angle, 85 × 50 mm	pieces	30,0000
32		Normaclip fixing accessories DLP-S 85 × 50 mm (2 pcs.)	pieces	80,000
	60036	Normaclip fixing accessories DLP-S 85 × 50 mm (2 pcs.)	pieces	80,0000
33		DLP-S cover connector, 85 × 50 mm, 45 mm	pieces	50,000
	60037	DLP-S cover connector, 85 × 50 mm, 45 mm	pieces	50,0000
34		DLP-S side profile connector, 85 × 50 mm	pieces	45,000
	60038	DLP-S side profile connector, 85 × 50 mm	pieces	45,0000
35		Cable tie FHS 3 × 150 mm (100 pieces)	pieces	30,000
	60039	Cable tie FHS 3 × 150 mm (100 pieces)	pieces	30,0000
36	08-02-409-1	Vinyl plastic pipe on installed structures, on walls and columns, fixed with staples, diameter up to 25 mm	100 m	1,500
	1	Worker	man-hours	41,0550
	1010813	Low-carbon steel wire for various purposes, galvanized, diameter 3.0 mm	tonne	0,0032
	1011924	Electrodes E42A, diameter 4 mm	kg	1,4400
	1019100	Cartridge for powder-actuated tool	10 pieces	20,1000
	1019109	Connection dowels	10 pieces	20,1000
	1139042	Adhesive "BMK-5k"	kg	0,3000
	5009030	Flanges	10 pieces	1,5000
	5009031	Staples	10 pieces	10,0500
	5009061	Insulating sleeve	pieces	27,0000
	5009070	Connections	10 pieces	2,7000

1	2	3	4	5
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,1897
	030902	Hydraulic elevators, lifting capacity 10 m	machine-hours	27,2550
	040502	Installations for manual electric arc welding (direct current)	machine-hours	4,6575
	331451	Electric hammer drills	machine-hours	8,3490
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,1897
37		Corrugated conduit, diameter 25 mm	m	150,000
	60041	Corrugated conduit, diameter 25 mm	m	150,0000
38	10-04-030-01	Additional installation of components on consoles and panels: ODF-2	pieces	35,000
	1	Worker	man-hours	40,2500
<b>Total Computer networks</b>				
		<b>1.2. Wireless Internet (Wi-Fi)</b>		
39	10-03-013-01	Power plant equipment: Router	pieces	2,000
	1	Worker	man-hours	80,2700
	1011481	Screws with round head, 4 × 40 mm	tonne	0,0001
	1020179	Birch and softwood timber: birch, linden. Edged boards, length 2–3.75 m, all widths, thickness 19–22 mm, grade III	m <sup>3</sup>	0,0040
	5220076	Tin-lead solder alloy without antimony, grade POS40	kg	0,0060
	5309016	Polyethylene pipe	10 m	0,4000
	030101	Forklifts, 5 tonne	machine-hours	3,2660
	030401	Electric winches, pulling force up to 5,79 (0,59) kN (tonne)	machine-hours	2,2540
40	10-04-101-07	Access point installation	pieces	37,000
	1	Worker	man-hours	85,1000
	5440089	Insulating adhesive tape on polycasing compound, brand “LSEPL” (ЛСЕПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	0,5550
41	08-02-412-2	Pulling conductors into installed pipes and hoses: total cross-section up to 6 mm <sup>2</sup>	100 m	11,000
	1	Worker	man-hours	85,2610
	1011764	Ground talc, grade I	tonne	0,0066

1	2	3	4	5
	1019852	Paint	kg	0,2200
	5009041	Clamping device – branch connector	100 pieces	3,4100
	5009056	Insulating caps	10 pieces	8,8000
	5009061	Insulating sleeve	pieces	134,2000
	5009140	Connection sleeves	100 pieces	0,5500
	5009500	Marking tags	100 pieces	0,2200
	5440089	Insulating adhesive tape on polycasing compound, brand “LSEPL” (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	1,7600
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,2530
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,2530
42		UTP Category 6 cable (Unshielded Twisted Pair)	m	1 100,000
	60046	UTP Category 6 cable (Unshielded Twisted Pair)	m	1 100,0000
43	10-04-066-07	Wall-mounted devices: RJ-45 socket	pieces	37,000
	1	Worker	man-hours	42,5500
	1011665	Electro-insulating varnish “318”	kg	0,0740
	1012073	Coarse threads	kg	0,0740
	4110041	Electrical energy	kw-h	0,4440
	5220077	Tin-lead solder alloys without antimony, grade “ПЛОС30” kg 0,20	kg	0,0740
	5440089	Insulating adhesive tape on polycasing compound, brand “LSEPL” (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	0,0370
44		Information socket RJ-45	pieces	37,000
	60010	Information socket RJ-45	pieces	37,0000
45	10-02-051-03	Laying and connection of cables, conductors, busbars: Cable interconnection jumpers between rack sections: installed in cable trunking – SC–SC patch cord, Unshielded Twisted Pair (UTP)	100 pieces	0,370
	1	Worker	man-hours	1,7445
46	10-06-037-12	Cabinets, boxes and junction boxes for conduit installations: Terminal box	100 pieces	0,370
	1	Worker	man-hours	10,5184
	1010985	Hot-rolled carbon steel strip, grade St6sp, thickness 10–75 mm, width 100–200 mm	tonne	0,0022
	1019103	Spacer dowels	100 pieces	0,7400

1	2	3	4	5
	1130211	Protective enamel "EP-140"	tonne	0,0074
47		Two-gang mounting box, 140 × 65 × 45 mm	pieces	37,000
	60027	Two-gang mounting box, 140 × 65 × 45 mm	pieces	37,0000
48	10-04-030-01	Additional installation of components on consoles and panels: ODF-24	pieces	1,000
	1	Worker	man-hours	1,1500
<b>Total Wireless Internet (Wi-Fi)</b>				
<b>1.3. Communication networks</b>				
49	10-01-055-03	Laying of cable and conductor on walls: Cable, weight per 1 m up to 1 kg, on concrete wall	100 m	10,150
	1	Worker	man-hours	496,0812
	1010219	Gypsum binder "G-3"	tonne	0,0335
	1010816	Light-colored wire, diameter 1.1 mm	tonne	0,0037
	1011482	Screws with round head, 5 × 70 mm	tonne	0,0141
	1100198	Decorative fasteners "SkF-30"	100 pieces	31,6680
	030101	Forklifts, 5 tonne	machine-hours	20,3102
50		TPP 100 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 100 pairs × 2 conductors × 0.4 mm conductor diameter)	m	300,000
	60054	TPP 100 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 100 pairs × 2 conductors × 0.4 mm conductor diameter)	m	300,0000
51		TPP 20 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 20 pairs × 2 conductors × 0.4 mm conductor diameter)	m	110,000
	60055	TPP 20 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 20 pairs × 2 conductors × 0.4 mm conductor diameter)	m	110,0000
52		TPP 50 × 2 × 0.64 telephone cable (Polyethylene-insulated Telephone Cable, 50 pairs × 2 conductors × 0.64 mm conductor diameter)	m	125,000
	60056	TPP 50 × 2 × 0.64 telephone cable (Polyethylene-insulated Telephone Cable, 50 pairs × 2 conductors × 0.64 mm conductor diameter)	m	125,0000

1	2	3	4	5
53		TPPz 50 × 2 × 0.64 telephone cable (Polyethylene-insulated Telephone Cable with hydrophobic filling, 50 pairs × 2 conductors × 0.64 mm conductor diameter)	m	480,000
	60057	TPPz 50 × 2 × 0.64 telephone cable (Polyethylene-insulated Telephone Cable with hydrophobic filling, 50 pairs × 2 conductors × 0.64 mm conductor diameter)	m	480,000
54	10-06-037-05	Wall cabinet, size, mm, up to: 640×840	pieces	1,000
	1	Worker	man-hours	2,3690
	1011484	Screws with round head, 8 × 100 mm	tonne	0,0000
	1012206	Plastic spacer dowels, screws 12 × 70 mm	10 pieces	1,2000
	1130211	Protective enamel "EP-140"	kg	0,9000
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,0230
55	10-06-034-07	Miscellaneous works: Telephone cable box (loading and installation), capacity up to 100 × 2, cable sheath made of plastic	pieces	3,000
	1	Worker	man-hours	27,6000
	1010069	Aviation gasoline "B-70"	tonne	0,0060
	1011963	Pine rosin	kg	0,0570
	1130079	Varnish "BT-577"	tonne	0,0002
	1130367	Polyethylene adhesive tape, grade "A"	kg	0,1350
	5009134	Paper bushings	1000 pieces	0,6300
	5110005	Telephone cable boxes (aluminium body), type "BKT-1002"	pieces	3,0000
	5220093	Tin-lead alloys with antimony, grade "POSSu30-2"	kg	0,0750
	5420042	Propane-butane, technical mixture	kg	0,3630
	170300	Installation vehicles for cable laying and installation works based on "GAZ-66" vehicle	machine-hours	3,5880
56	10-06-034-05	Miscellaneous works: Telephone cable box (loading and installation), capacity up to 50 × 2, cable sheath made of plastic	pieces	2,000
	1	Worker	man-hours	13,8000
	1010069	Aviation gasoline "B-70"	tonne	0,0036
	1011963	Pine rosin	kg	0,0200
	1130079	Varnish "BT-577"	tonne	0,0001
	1130367	Polyethylene adhesive tape, grade "A"	kg	0,0400
	5009134	Paper bushings	1000 pieces	0,2100
	5110004	Telephone cable boxes (aluminium body), type "BKT-502"	pieces	2,0000
	5220093	Tin-lead alloys with antimony, grade "POSSu30-	kg	0,0300

1	2	3	4	5
		2"		
	5420042	Propane-butane, technical mixture	kg	0,1860
	170300	Installation vehicles for cable laying and installation works based on "GAZ-66" vehicle	machine-hours	1,6100
57	10-06-012-04	Anticorrosion protection of the cable: Interconnection jumpers between cables: armoured	pieces	6,000
	1	Worker	man-hours	6,9000
	1010069	Aviation gasoline "B-70"	tonne	0,0018
	1010072	Petroleum construction bitumen for insulation "BNI-IV-3", "BNI-IV", "BNI-V"	tonne	0,0120
	5170164	Lead sheets, normal precision, grade "SO", thickness 1.0 mm	tonne	0,0012
	5220093	Tin-lead alloys with antimony, grade "POSSu30-2"	kg	0,3000
	170300	Installation vehicles for cable laying and installation works based on "GAZ-66" vehicle	machine-hours	1,0350
58		XAGA 100 55/12-300 cable joint (heat-shrink cable closure)	pieces	6,000
	60062	XAGA 100 55/12-300 cable joint (heat-shrink cable closure)	pieces	6,0000
59	10-06-037-05	Wall cabinet, size, mm, up to: 640×840	pieces	11,000
	1	Worker	man-hours	26,0590
	1011484	Screws with round head, 8 × 100 mm	tonne	0,0003
	1012206	Plastic spacer dowels, screws 12 × 70 mm	10 pieces	13,2000
	1130211	Protective enamel "EP-140"	kg	9,9000
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,2530
60	10-04-030-01	Additional installation of components on consoles and panels: ODF-24	pieces	25,000
	1	Worker	man-hours	28,7500
61	08-02-412-2	Pulling conductors into installed pipes and hoses: total cross-section up to 6 mm <sup>2</sup>	100 m	21,700
	1	Worker	man-hours	168,1967
	1011764	Ground talc, grade I	tonne	0,0130
	1019852	Paint	kg	0,4340
	5009041	Clamping device – branch connector	100 pieces	6,7270
	5009056	Insulating caps	10 pieces	17,3600
	5009061	Insulating sleeve	pieces	264,7400
	5009140	Connection sleeves	100 pieces	1,0850
	5009500	Marking tags	100 pieces	0,4340

1	2	3	4	5
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	3,4720
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,4991
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,4991
62		FO-2 optical cable (Fiber Optic cable, 2 fibers)	m	50,000
	60025	FO-2 optical cable (Fiber Optic cable, 2 fibers)	m	50,0000
63		FO-8 optical cable (Fiber Optic cable, 8 fibers)	m	730,000
	60024	FO-8 optical cable (Fiber Optic cable, 8 fibers)	m	730,0000
64		FO-12 optical cable (Fiber Optic cable, 12 fibers)	m	720,000
	60023	FO-12 optical cable (Fiber Optic cable, 12 fibers)	m	720,0000
65		FO-24 optical cable (Fiber Optic cable, 24 fibers)	m	670,000
	60022	FO-24 optical cable (Fiber Optic cable, 24 fibers)	m	670,0000
66	11-04-020-02	Socket connector with shaping and connection of shielded cable, conductor cross-section up to 1 mm <sup>2</sup> , number of connected conductors, pieces: 24	pieces	14,000
	1	Worker	man-hours	49,7490
	1010801	Round electrotechnical copper wire MM (soft), diameter 1.0–3.0 mm and above	tonne	0,0001
	1010849	Vulcanized rolled rubber sheet	kg	0,4620
	1011666	Varnish "NC-62"	tonne	0,0001
	1011994	Marking paints "MKE-4"	kg	0,0364
	1012072	Cotton sewing threads	kg	0,0028
	1110109	Plastic marking tags	100 pieces	0,1400
	5009055	Copper cable lugs	pieces	14,0000
	5009264	Polyvinyl chloride (PVC) conduit	kg	0,1638
	5220075	Tin-lead solder alloy without antimony, grade POS61	kg	0,0252
	5220079	Tin-lead alloys with low antimony content, grade "POSSu61-0.5"	kg	0,0588
	5440101	Adhesive polyvinyl chloride (PVC) tape, thickness 0.4 mm	kg	0,0840
	5500122	Flux "FKDT"	kg	0,0140
67		FOSC-400-A4-S-24-1BNN closure (Fiber Optic Splice Closure)	pieces	14,000
	60071	FOSC-400-A4-S-24-1BNN closure (Fiber Optic Splice Closure)	pieces	14,0000
68		SMOUV-60 optical sleeve (Single Mode	pieces	160,000

1	2	3	4	5
		Optical Universal Vial, 60 mm)		
	60072	SMOUV-60 optical sleeve (Single Mode Optical Universal Vial, 60 mm)	pieces	160,0000
69	10-02-051-04	Laying and connection of cables, conductors, busbars: Cable interconnection jumpers between rack sections: without installation in cable trunking	100 pieces	2,160
	1	Worker	man-hours	7,7004
70		SC–SC adapter (Subscriber Connector to Subscriber Connector)	pieces	216,000
	60074	SC–SC adapter (Subscriber Connector to Subscriber Connector)	pieces	216,0000
71	10-04-030-01	Additional installation of components on consoles and panels: Module SC/PC	pieces	216,000
	1	Worker	man-hours	248,4000
72	10-06-037-08	Cabinets, boxes and junction boxes for conduit installations: Split cassette	pieces	18,000
	1	Worker	man-hours	22,5630
	1011521	Electrodes “E42”, diameter 5 mm	tonne	0,0007
	1130211	Protective enamel “EP-140”	tonne	0,0002
	030401	Electric winches, pulling force up to 5,79 (0,59) kN (tonne)	machine-hours	3,3120
73	10-04-030-01	Additional installation of components on consoles and panels: SMJ plinth	pieces	135,000
	1	Worker	man-hours	155,2500
74	10-04-030-01	Additional installation of components on consoles and panels: Module, converter	pieces	40,000
	1	Worker	man-hours	46,0000
75	10-02-051-03	Laying and connection of cables, conductors, busbars: Cable interconnection jumpers between rack sections: installed in cable trunking – SC–SC patch cord, Unshielded Twisted Pair (UTP)	100 pieces	0,250
	1	Worker	man-hours	1,1787
76	10-04-030-01	Cable holder installation	pieces	90,000

1	2	3	4	5
	1	Worker	man-hours	103,5000
77	08-02-406-1	Structural Steelwork Structures for pipes: fixing clamps	tonne	0,020
	1	Worker	man-hours	6,1410
	10116415	Fixing structures	kg	20,6000
<b>Total Communication networks</b>				
<b>1.4. Electric clock system</b>				
78	10-08-001-02	Receiving devices: Master clock	pieces	6,000
	1	Worker	man-hours	269,1000
	1011963	Pine rosin	kg	0,0600
	1012206	Plastic spacer dowels, screws 12 × 70 mm	10 pieces	2,4000
	5220076	Tin-lead solder alloy without antimony, grade POS40	kg	0,6000
	330206	Electric drills	machine-hours	1,1040
79	10-08-016-01	Secondary single-sided electric clocks for rooms: wall-mounted	pieces	60,000
	1	Worker	man-hours	138,0000
	1010219	Gypsum binder "G-3"	tonne	0,0060
	1010812	Galvanized low-carbon steel wire for general use, diameter 1.6 mm	tonne	0,0006
	1011482	Screws with round head, 5 × 70 mm	tonne	0,0012
80	08-02-412-2	Pulling conductors into installed pipes and hoses: total cross-section up to 6 mm <sup>2</sup>	100 m	16,000
	1	Worker	man-hours	124,0160
	1011764	Ground talc, grade I	tonne	0,0096
	1019852	Paint	kg	0,3200
	5009041	Clamping device – branch connector	100 pieces	4,9600
	5009056	Insulating caps	10 pieces	12,8000
	5009061	Insulating sleeve	pieces	195,2000
	5009140	Connection sleeves	100 pieces	0,8000
	5009500	Marking tags	100 pieces	0,3200
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЕПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	2,5600
	021102	Truck crane on automobile chassis for installation of technological equipment (except main	machine-hours	0,3680

1	2	3	4	5
		pipelines), 10 tonnes		
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,3680
81		PVS 2 × 2.5 wire (Polyvinyl Chloride insulated flexible cord)	m	1 600,000
	60084	PVS 2 × 2.5 wire (Polyvinyl Chloride insulated flexible cord)	m	1 600,0000
82	10-08-019-01	Miscellaneous electric clock system equipment: Wall-mounted junction box	pieces	0,250
	1	Worker	man-hours	0,1437
	1010219	Gypsum binder "G-3"	tonne	0,0000
	1010812	Galvanized low-carbon steel wire for general use, diameter 1.6 mm	tonne	0,0000
	1011481	Screws with round head, 4 × 40 mm	tonne	0,0000
83		UK-2P mounting junction box	pieces	25,000
	60086	UK-2P mounting junction box	pieces	25,0000
<b>Total Electric clock system</b>				
<b>1.5. Telephone network</b>				
84	10-06-034-12	Miscellaneous works: Wall-mounted distribution box for cable with plastic sheath	pieces	83,000
	1	Worker	man-hours	190,9000
	1010069	Aviation gasoline "B-70"	tonne	0,1245
	1011963	Pine rosin	kg	1,6600
	1012073	Coarse threads	kg	0,3320
	1130079	Varnish "BT-577"	tonne	0,0017
	1130367	Polyethylene adhesive tape, grade "A"	kg	1,6600
	5220077	Tin-lead solder alloys without antimony, grade "ПЛОС30" kg 0,20	kg	1,6600
	5420042	Propane-butane, technical mixture	kg	8,5490
	170300	Installation vehicles for cable laying and installation works based on "GAZ-66" vehicle	machine-hours	32,4530
85	10-04-066-07	Wall-mounted equipment: RJ-11 socket	pieces	180,000
	1	Worker	man-hours	207,0000
	1011665	Electro-insulating varnish "318"	kg	0,3600
	1012073	Coarse threads	kg	0,3600
	4110041	Electrical energy	kw-h	2,1600
	5220077	Tin-lead solder alloys without antimony, grade "ПЛОС30" kg 0,20	kg	0,3600
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	0,1800

1	2	3	4	5
86		Telephone socket RJ-45 Category 5e	pieces	75,000
	60089	Telephone socket RJ-45 Category 5e	pieces	75,0000
87		Telephone socket RJ-45 (Registered Jack 45) Category 6e	pieces	65,000
	60090	Telephone socket RJ-45 (Registered Jack 45) Category 6e	pieces	65,0000
88		Telephone socket RJ-11 (Registered Jack 11)	pieces	40,000
	60091	Telephone socket RJ-11 (Registered Jack 11)	pieces	40,0000
89	10-06-037-12	Cabinets, boxes and junction boxes for conduit installations: Terminal box	100 pieces	1,800
	1	Worker	man-hours	51,1704
	1010985	Hot-rolled carbon steel strip, grade St6sp, thickness 10–75 mm, width 100–200 mm	tonne	0,0108
	1019103	Spacer dowels	100 pieces	3,6000
	1130211	Protective enamel “EP-140”	tonne	0,0360
90		Mounting box, diameter 50 mm	pieces	180,000
	60093	Mounting box, diameter 50 mm	pieces	180,0000
91	10-06-034-05	Miscellaneous works: Telephone cable box (loading and installation), capacity up to 50 × 2, cable sheath made of plastic	pieces	2,000
	1	Worker	man-hours	13,8000
	1010069	Aviation gasoline “B-70”	tonne	0,0036
	1011963	Pine rosin	kg	0,0200
	1130079	Varnish “BT-577”	tonne	0,0001
	1130367	Polyethylene adhesive tape, grade “A”	kg	0,0400
	5009134	Paper bushings	1000 pieces	0,2100
	5110004	Telephone cable boxes (aluminium body), type “BKT-502”	pieces	2,0000
	5220093	Tin–lead alloys with antimony, grade “POSSu30-2”	kg	0,0300
	5420042	Propane–butane, technical mixture	kg	0,1860
	170300	Installation vehicles for cable laying and installation works based on “GAZ-66” vehicle	machine-hours	1,6100
92	08-02-144-1	Connection of conductor wires or cables to terminals, cross-section up to: 2,5 mm <sup>2</sup>	100 pieces	1,400
	1	Worker	man-hours	19,3200
93		RJ-45 connector (Registered Jack 45)	pieces	140,000
	60096	RJ-45 connector (Registered Jack 45)	pieces	140,0000
94	10-01-	Laying of cable and conductor on walls:	100 m	37,500

1	2	3	4	5
	055-03	Cable, weight per 1 m up to 1 kg, on concrete wall		
	1	Worker	man-hours	1 832,8125
	1010219	Gypsum binder "G-3"	tonne	0,1237
	1010816	Light-colored wire, diameter 1.1 mm	tonne	0,0135
	1011482	Screws with round head, 5 × 70 mm	tonne	0,0521
	1100198	Decorative fasteners "SkF-30"	100 pieces	117,0000
	030101	Forklifts, 5 tonne	machine-hours	75,0375
95		TPP 10 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable)	m	3 500,000
	60098	TPP 10 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable)	m	3 500,0000
96		TPP 50 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable)	m	80,000
	60099	TPP 50 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable)	m	80,0000
97		TPP 100 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 100 pairs × 2 conductors × 0.4 mm conductor diameter)	m	170,000
	60054	TPP 100 × 2 × 0.4 telephone cable (Polyethylene-insulated Telephone Cable, 100 pairs × 2 conductors × 0.4 mm conductor diameter)	m	170,0000
98	08-02-412-2	Pulling conductors into installed pipes and hoses: total cross-section up to 6 mm <sup>2</sup>	100 m	10,400
	1	Worker	man-hours	80,6104
	1011764	Ground talc, grade I	tonne	0,0062
	1019852	Paint	kg	0,2080
	5009041	Clamping device – branch connector	100 pieces	3,2240
	5009056	Insulating caps	10 pieces	8,3200
	5009061	Insulating sleeve	pieces	126,8800
	5009140	Connection sleeves	100 pieces	0,5200
	5009500	Marking tags	100 pieces	0,2080
	5440089	Insulating adhesive tape on polycasing compound, brand "LSEPL" (ЛСЭПЛ), width 20–30 mm, thickness 0.14–0.19 mm inclusive	kg	1,6640
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,2392

1	2	3	4	5
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,2392
99		FTP Category 5e cable (Foiled Twisted Pair)	m	500,000
	600102	FTP Category 5e cable (Foiled Twisted Pair)	m	500,0000
100		FTP Category 6e cable (Foiled Twisted Pair)	m	540,000
	600103	FTP Category 6e cable (Foiled Twisted Pair)	m	540,0000
101	10-06-012-04	Anticorrosion protection of the cable: Interconnection jumpers between cables: armoured	pieces	46,000
	1	Worker	man-hours	52,9000
	1010069	Aviation gasoline "B-70"	tonne	0,0138
	1010072	Petroleum construction bitumen for insulation "BNI-IV-3", "BNI-IV", "BNI-V"	tonne	0,0920
	5170164	Lead sheets, normal precision, grade "SO", thickness 1.0 mm	tonne	0,0092
	5220093	Tin-lead alloys with antimony, grade "POSSu30-2"	kg	2,3000
	170300	Installation vehicles for cable laying and installation works based on "GAZ-66" vehicle	machine-hours	7,9350
102		XAGA 500 43/8-150 branching joint (heat-shrink cable closure)	pieces	23,000
	600105	XAGA 500 43/8-150 branching joint (heat-shrink cable closure)	pieces	23,0000
103		BOKT-5S-43-8-75/15 branching kit with small clamp	pieces	23,000
	600106	BOKT-5S-43-8-75/15 branching kit with small clamp	pieces	23,0000
104		XAGA 500 43/8-150 straight joint (heat- shrink cable closure)	pieces	10,000
	600107	XAGA 500 43/8-150 straight joint (heat-shrink cable closure)	pieces	10,0000
105		XAGA 500 55/12-300 straight joint (heat-shrink cable closure)	pieces	3,000
	600108	XAGA 500 55/12-300 straight joint (heat-shrink cable closure)	pieces	3,0000
106	08-02-409-2	Vinyl plastic pipe installed on structures, on walls and columns, fixed with clamps, diameter up to 50 mm	100 m	1,000
	1	Worker	man-hours	39,5600
	1010813	Low-carbon steel wire for various purposes, galvanized, diameter 3.0 mm	tonne	0,0021

1	2	3	4	5
	1011924	Electrodes E42A, diameter 4 mm	kg	0,9600
	1019100	Cartridge for powder-actuated tool	10 pieces	13,4000
	1019109	Connection dowels	10 pieces	13,4000
	1139042	Adhesive "BMK-5k"	kg	0,4000
	5009030	Flanges	10 pieces	1,0000
	5009031	Staples	10 pieces	6,7000
	5009061	Insulating sleeve	pieces	18,0000
	5009070	Connections	10 pieces	1,8000
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,3795
	030902	Hydraulic elevators, lifting capacity 10 m	machine-hours	27,0250
	040502	Installations for manual electric arc welding (direct current)	machine-hours	3,1050
	331451	Electric hammer drills	machine-hours	8,0040
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,3795
107		PVC pipe, diameter 40 mm (Polyvinyl Chloride)	m	100,000
	600110	PVC pipe, diameter 40 mm (Polyvinyl Chloride)	m	100,0000
108	08-02-409-1	Vinyl plastic pipe on installed structures, on walls and columns, fixed with staples, diameter up to 25 mm	100 m	5,000
	1	Worker	man-hours	136,8500
	1010813	Low-carbon steel wire for various purposes, galvanized, diameter 3.0 mm	tonne	0,0105
	1011924	Electrodes E42A, diameter 4 mm	kg	4,8000
	1019100	Cartridge for powder-actuated tool	10 pieces	67,0000
	1019109	Connection dowels	10 pieces	67,0000
	1139042	Adhesive "BMK-5k"	kg	1,0000
	5009030	Flanges	10 pieces	5,0000
	5009031	Staples	10 pieces	33,5000
	5009061	Insulating sleeve	pieces	90,0000
	5009070	Connections	10 pieces	9,0000
	021102	Truck crane on automobile chassis for installation of technological equipment (except main pipelines), 10 tonnes	machine-hours	0,6325
	030902	Hydraulic elevators, lifting capacity 10 m	machine-hours	90,8500
	040502	Installations for manual electric arc welding (direct current)	machine-hours	15,5250
	331451	Electric hammer drills	machine-hours	27,8300
	400002	Flatbed trucks, capacity up to 8 tonnes	machine-hours	0,6325
109		PVC pipe, diameter 25 mm (Polyvinyl Chloride)	m	500,000
	600112	PVC pipe, diameter 25 mm (Polyvinyl Chloride)	m	500,0000
110		Cable tie FHS 3 × 150 mm (100 pieces)	pieces	42,000

1	2	3	4	5
	60039	Cable tie FHS 3 × 150 mm (100 pieces)	pieces	42,0000
111	08-02-406-1	Structural Steelwork Structures for pipes: fixing clamps	tonne	0,070
	1	Worker	man-hours	21,4935
	10116415	Fixing structures	kg	72,1000
<b>Total Telephone network</b>				
Total				
Social insurance				
Transportation of materials				
Procurement and storage expenses				
Direct expenses				
Overhead expenses				
Total including overhead expenses (CR)				
Estimated profit				
<b>Total Installation Works</b>				
		<b>2. Equipment</b>		
		<b>2.1. Computer networks</b>		
112		Iiyama ProLite LH43" monitor or equivalent	pieces	12,000
	7005	Iiyama ProLite LH43" monitor	pieces	12,0000
113		Mini personal computer (for FIDS monitor – Flight Information Display System) Mini PC Giada i39-BJ241 or equivalent	pieces	12,000
	7006	Mini personal computer (for FIDS monitor – Flight Information Display System) Mini PC Giada i39-BJ241	pieces	12,0000
114		FIDS monitor 55" (Flight Information Display System) or equivalent	pieces	5,000
	7007	FIDS monitor 55" (Flight Information Display System)	pieces	5,0000
115		Desktop personal computer + monitor for PC (1280 × 1024, 5 ms, 250 cd/m <sup>2</sup> , D-Sub) or equivalent	pieces	17,000
	7008	Desktop personal computer + monitor for PC (1280 × 1024, 5 ms, 250 cd/m <sup>2</sup> , D-Sub)	pieces	17,0000
116		Printer BP Custom TK-180M or equivalent	pieces	17,000

1	2	3	4	5
	7009	Printer BP Custom TK-180M	pieces	17,0000
117		Printer Epson FX-890II or equivalent	pieces	17,000
	70010	Printer Epson FX-890II	pieces	17,0000
118		BGR DESKO BGR504 PRO boarding pass scanner or equivalent	pieces	17,000
	70011	BGR DESKO BGR504 PRO boarding pass scanner	pieces	17,0000
119		DESKO NEPTUN keyboard or equivalent	pieces	17,000
	70012	DESKO NEPTUN keyboard	pieces	17,0000
120		CREWS CUPPS license (Common Use Passenger Processing System) or equivalent	pieces	17,000
	70013	CREWS CUPPS license (Common Use Passenger Processing System)	pieces	17,0000
121		Uninterruptible Power Supply	pieces	17,000
	70014	Uninterruptible Power Supply	pieces	17,0000
122		24-port FTP Category 5e patch panel (Foiled Twisted Pair), LY-PP5-30, 19", Krone IDS or equivalent	pieces	4,000
	70016	24-port FTP Category 5e patch panel (Foiled Twisted Pair), LY-PP5-30, 19", Krone IDS	pieces	4,0000
123		Cisco Catalyst 9200L router, 48-port data, 4 × 10G uplink, Network Essentials, dual power supply, C9200L-48P-4X-E or equivalent	pieces	2,000
	70018	Cisco Catalyst 9200L router, 48-port data, 4 × 10G uplink, Network Essentials, dual power supply, C9200L-48P-4X-E	pieces	2,0000
124		Cisco Catalyst 9200L router, 24-port data, 4 × 10G uplink, Network Essentials, dual power supply, C9200L-24P-4X-E or equivalent	pieces	4,000
	70019	Cisco Catalyst 9200L router, 24-port data, 4 × 10G uplink, Network Essentials, dual power supply, C9200L-24P-4X-E	pieces	4,0000
125		Cisco Catalyst 9300X-24Y-E router, C9300X-24Y-E or equivalent	pieces	1,000
	70020	Cisco Catalyst 9300X-24Y-E router, C9300X-24Y-E	pieces	1,0000
126		Module SFP 1Gbps WDM SC	pieces	8,000

1	2	3	4	5
	70022	Module SFP 1Gbps WDM SC	pieces	8,0000
127		Wall-mounted television 55"	pieces	14,000
	70024	Wall-mounted television 55"	pieces	14,0000
128		RJ-45 (Registered Jack 45) patch panel, Category 5e	pieces	5,000
	70028	RJ-45 (Registered Jack 45) patch panel, Category 5e	pieces	5,0000
129		SC-SC duplex patch cord, 1 m, SM (Single Mode)	pieces	9,000
	70033	SC-SC duplex patch cord, 1 m, SM (Single Mode)	pieces	9,0000
130		SC-SC duplex patch cord, 2 m, SM (Single Mode)	pieces	4,000
	70034	SC-SC duplex patch cord, 2 m, SM (Single Mode)	pieces	4,0000
131		SC-SC duplex patch cord, 1 m, SM (Single Mode)	pieces	5,000
	70033	SC-SC duplex patch cord, 1 m, SM (Single Mode)	pieces	5,0000
132		UTP (Unshielded Twisted Pair) patch cord, 0.25 m, yellow	pieces	15,000
	70036	UTP (Unshielded Twisted Pair) patch cord, 0.25 m, yellow	pieces	15,0000
133		UTP (Unshielded Twisted Pair) patch cord, 0.55 m, blue	pieces	10,000
	70037	UTP (Unshielded Twisted Pair) patch cord, 0.55 m, blue	pieces	10,0000
134		UTP (Unshielded Twisted Pair) patch cord, 1.0 m, yellow	pieces	25,000
	70038	UTP (Unshielded Twisted Pair) patch cord, 1.0 m, yellow	pieces	25,0000
135		UTP (Unshielded Twisted Pair) patch cord, 3.0 m, green	pieces	10,000
	70039	UTP (Unshielded Twisted Pair) patch cord, 3.0 m, green	pieces	10,0000
136		TW patch panel, 24 × RJ-45 (Registered Jack 45), STP (Shielded Twisted Pair), Category 6a	pieces	18,000
	70041	TW patch panel, 24 × RJ-45 (Registered Jack 45), STP (Shielded Twisted Pair), Category 6a	pieces	18,0000
137		TW patch panel, 24 × RJ-45 (Registered	pieces	5,000

1	2	3	4	5
		Jack 45), 1U (rack unit), Category 5e		
	70042	TW patch panel, 24 × RJ-45 (Registered Jack 45), 1U (rack unit), Category 5e	pieces	5,0000
138		Rack-mount cabinet, 15U (rack units), 600 × 600 mm	pieces	2,000
	70044	Rack-mount cabinet, 15U (rack units), 600 × 600 mm	pieces	2,0000
139		Rack-mount cabinet, 21U (rack units), 600 × 600 mm	pieces	2,000
	70045	Rack-mount cabinet, 21U (rack units), 600 × 600 mm	pieces	2,0000
140		Mounting box for two plinths ODF-2 (Optical Distribution Frame)	pieces	35,000
	70071	Mounting box for two plinths ODF-2 (Optical Distribution Frame)	pieces	35,0000
<b>Total Computer networks</b>				
<b>2.2. Wireless Internet (Wi-Fi)</b>				
141		MikroTik CCR1016-12G or equivalent	pieces	2,000
	70073	MikroTik CCR1016-12G	pieces	2,0000
142		UniFi U7 Pro Max access point or equivalent	pieces	35,000
	70075	UniFi U7 Pro Max access point	pieces	35,0000
143		UniFi WiFi Man Wizard access point or equivalent	pieces	2,000
	70076	UniFi WiFi Man Wizard access point	pieces	2,0000
144		UTP (Unshielded Twisted Pair) patch cord, Category 6e	pieces	37,000
	70082	UTP (Unshielded Twisted Pair) patch cord, Category 6e	pieces	37,0000
145		ODF-24 mounting cabinet (Optical Distribution Frame)	pieces	1,000
	70086	ODF-24 mounting cabinet (Optical Distribution Frame)	pieces	1,0000
<b>Total Wireless Internet (Wi-Fi)</b>				
<b>2.3. Communication networks</b>				
146		Cabinet, 500 × 700 × 300 mm	pieces	1,000

1	2	3	4	5
	70093	Cabinet, 500 × 700 × 300 mm	pieces	1,0000
147		BKT-100×2 box	pieces	3,000
	70096	BKT-100×2 box	pieces	3,0000
148		BKT-50×2 box	pieces	2,000
	70097	BKT-50×2 box	pieces	2,0000
149		100-pair protection module	pieces	3,000
	70098	100-pair protection module	pieces	3,0000
150		50-pair protection module	pieces	2,000
	70099	50-pair protection module	pieces	2,0000
151		19" wall-mounted cabinet	pieces	11,000
	70104	19" wall-mounted cabinet	pieces	11,0000
152		ODF-24Port distribution panel (Optical Distribution Frame)	pieces	25,000
	70105	ODF-24Port distribution panel (Optical Distribution Frame)	pieces	25,0000
153		Optical module SC/PC (Subscriber Connector / Physical Contact)	pieces	216,000
	70117	Optical module SC/PC (Subscriber Connector / Physical Contact)	pieces	216,0000
154		Split cassette	pieces	18,000
	70119	Split cassette	pieces	18,0000
155		SMJ plinth	pieces	135,000
	70121	SMJ plinth	pieces	135,0000
156		Surge protector	pieces	1,000
	70122	Surge protector	pieces	1,0000
157		SFP module (Small Form-factor Pluggable), 220PX 1G up to 10 km	pieces	20,000
	70124	SFP module (Small Form-factor Pluggable), 220PX 1G up to 10 km	pieces	20,0000
158		Planet GST-805A Smart Media converter	pieces	20,000
	70125	Planet GST-805A Smart Media converter	pieces	20,0000
159		Patch cord, 1.0 m	pieces	25,000
	70127	Patch cord, 1.0 m	pieces	25,0000
160		Cable holder	pieces	90,000
	70129	Cable holder	pieces	90,0000

1	2	3	4	5
<b>Total Communication networks</b>				
<b>2.4. Electric clock system</b>				
161		Master clock, Bodet Sigma, wall-mounted version or equivalent	pieces	6,000
	700132	Master clock, Bodet Sigma, wall-mounted version	pieces	6,0000
162		Secondary analog clock, pointer type, Bodet d = 40 cm (Profil 940) or equivalent	pieces	30,000
	700133	Secondary analog clock, pointer type, Bodet d = 40 cm (Profil 940)	pieces	30,0000
163		Secondary analog clock, pointer type, Bodet d = 30 cm (Profil 930) or equivalent	pieces	30,000
	700134	Secondary analog clock, pointer type, Bodet d = 30 cm (Profil 930)	pieces	30,0000
<b>Total Electric clock system</b>				
<b>2.5. Telephone network</b>				
164		Analog telephone sets	pieces	60,000
	700139	Analog telephone sets	pieces	60,0000
165		Digital telephone sets	pieces	10,000
	700140	Digital telephone sets	pieces	10,0000
166		KRTN telephone distribution box	pieces	83,000
	700142	KRTN telephone distribution box	pieces	83,0000
167		BKT-50×2 box	pieces	2,000
	70097	BKT-50×2 box	pieces	2,0000
<b>Total Telephone network</b>				
Total				
Procurement and storage expenses				
<b>Total Equipment</b>				
<b>3. Adjustment and commissioning works</b>				
<b>3.1. Computer networks</b>				
168	1-10-001-1	Collection and implementation of information signals of protection devices and automation of electrical and	signal	910,000

1	2	3	4	5
		technological operating modes		
	5	Specialist	man-hours	1 569,7500
<b>Total Computer networks</b>				
		<b>3.2. Wireless Internet (Wi-Fi)</b>		
169	1-10-001-1	Collection and implementation of information signals of protection devices and automation of electrical and technological operating modes	signal	80,000
	5	Specialist	man-hours	138,0000
<b>Total Wireless Internet (Wi-Fi)</b>				
		<b>3.3. Communication networks</b>		
170	1-10-001-1	Collection and implementation of information signals of protection devices and automation of electrical and technological operating modes	signal	440,000
	5	Specialist	man-hours	759,0000
<b>Total Communication networks</b>				
		<b>3.4. Electric clock system</b>		
171	1-10-001-1	Collection and implementation of information signals of protection devices and automation of electrical and technological operating modes	signal	40,000
	5	Specialist	man-hours	69,0000
<b>Total Electric clock system</b>				
		<b>3.5. Telephone network</b>		
172	1-10-001-1	Collection and implementation of information signals of protection devices and automation of electrical and technological operating modes	signal	374,000
	5	Specialist	man-	645,1500

1	2	3	4	5
			hours	
<b>Total Telephone network</b>				
Total				
Social insurance				
Overhead expenses				
Total				
Estimated profit				
<b>Total Adjustment and commissioning works</b>				

**Total estimate:  
Including wages**

*Subsemnata, Poleacova Ana, traducător autorizat, (limba Engleză), certific exactitatea traducerii cu textul înscrisului, care a fost vizată de mine și port răspundere personală pentru corectitudinea traducerii actului.*

*Undersigned, Poleacova Ana, sworn translator, (English language), certify the authenticity of the translation which corresponds to the text of the authentic document, which was confirmed by me and I do take personal responsibility for the truthfulness of the translation.*

26.02.2026

*Semnătura  
Signature*

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