

BILL OF QUANTITIES FOR OBJECT No. 1-0

External networks and territory arrangement (04 / 2015-0)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 1-1

Replacement of telecommunication networks. Phase 2. (04/2015-0-TSE.1-06))

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	10-06-048-06	Laying the optic-fiber cables FO-36 in sewerage: in duct through free channel	100 m	1.86		
2	10-06-027-09	Laying the cable in the collector: console in collector - with 2 places	piece	4.00		
3	Supplier price	Optic-fiber cable FO-36	m.l.	186.00		
4	10-06-048-06	Laying the optic-fiber cables FO-10 in sewerage: in duct through free channel	100 m	1.86		
5	10-06-027-09	Laying the cable in the collector: console in collector - with 2 places	piece	4.00		
6	Supplier price	Optic-fiber cable FO-10	m.l.	186.00		
7	10-06-034-05	Different works: Box for OPTIC cables ODF-10	piece	1.00		
8	10-06-055-06	Assembling the device for combining the central and linear cables ("YCCJK"): installing, assembling the "YCCJK", taking record of the measurements made during the process of laying the RTU optic-fiber cable, number of fibers: 24	set	2.00		
9	10-06-054-06	Measuring on the assembled sector the RTU optic-fiber cable of one single direction, number of fibers: 24	1 field	2.00		

1	2	3	4	5	6	7
10	10-06-026-01	Laying the cable in the underground sewerage, mass 1 m cable, kg, up to: 1	1 km	0.186		
11	10-06-033-25	Reconstruction of cable lines: extracting the sewerage cable, mass 1 m cable, kg, up to: 1	1 km	0.186		
12	10-06-027-09	Laying the cable in the collector: console in collector - with 2 places	piece	4.00		
13	Supplier price	Cable КСПП3 1x4x0,9	m.l.	186.00		
14	10-06-032-01	Measuring cables: the set of continuous power-based measurements of assembled cable couples before and after adjusting the terminal devices	100 couples	0.08		
15	10-06-013-10	Measuring the cable lines: testing the electrical resistance of the insulation of the symmetrically assembled cable - about 1/4 of the amplification sector, construction length of the laid cable in mono-cable line, capacity: 1x4	piece	2.00		
16	10-06-034-09	Different works: Box for cables, capacity up to 10x2 for the installation on the attic БМ 1-1	piece	1.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 4-1
External Power Supply Networks 0,4kV (04/2015-0-REAE.2)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Construction works				
		REAE.2.A1,2				
1	TsC54A	Foundation layer of sand	m3	6.66		
2	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	30.60		
3	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	43.20		
4	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.043		
5	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	693.00		
6	CC01E	Concrete steel fittings OB 37	kg	85.50		

1	2	3	4	5	6	7
		shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations				
7	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C6/7,5 (M100) Small materials (resinous cases, nails, clamps) = 1.015	m3	3.60		
8	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) (II1, II2) Small materials (resinous cases, nails, clamps) = 1.015	m3	14.76		
9	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	41.30		
10	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	57.60		
11	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.058		
12	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	1 033,20		
13	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous	kg	57.60		

1	2	3	4	5	6	7
		and radiation foundations				
14	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C25/30 (M400) (Пp1) Small materials (resinous cases, nails, clamps) = 1.015	m3	19.80		
15	CK35B	Metal dowels d16x220 mm fixed in reinforced concrete walls	piece	108.00		
16	AcE07D	Mounting iron or iron-concrete covers without the support element, at the manholes of the water and sewerage supply installations, passable of type C250 Small materials (planking, etc.) = 1.020	piece	18.00		
		Total Construction works REAE.2.A1,2 Including salary				
		1.2. Construction works REAE.2				
17	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	3.06		
18	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m3	2.34		
19	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	386.10		
20	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	2.34		
21	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	19.00		
22	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	19.80		
23	Supplier price	Sand for territory planning	m3	219.00		

1	2	3	4	5	6	7
24	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	19.80		
25	Supplier price	Construction bricks 250x120x65 mm	piece	6 700,00		
26	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	475.00		
27	34-02-003-1	Executing the pipe line from technical polyethylene pipes D=160 mm	1 km	1.98		
28	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C6/7,5 (M100) Small materials (resinous cases, nails, clamps) = 1.015	m3	70.00		
29	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	306.00		
		Total Construction works REAE.2 Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Mounting works REAT.2.A1, 2				
30	SE54D1	Buffer collector made of stainless steel board, with the capacity of 1500 - 2000 l Small materials (hemp tows, lead minium primer, etc.) = 1.015	piece	18.00		
		Total Mounting works REAT.2.A1, 2 Including salary				
		2.2. Mounting works REAE.2.SU.D				

1	2	3	4	5	6	7
31	08-03-571-2	Assembled panel from separate panels and control blocks, of one row or two rows without resistor blocks, depth down to 800 mm: case-type execution (ЩО-90 - 3 pieces)	m	2.40		
32	08-01-072-1	Embranchment - one band in phase: copper or aluminum bar, section up to 250 mm ² (АД31Т 4x40 mm ²)	100 m	0.024		
33	08-01-072-3	Embranchment - one band in phase: copper or aluminum bar, section up to 700 mm ² (АД31Т 8x80mm ²)	100 m	0.048		
34	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	3.00		
35	08-01-083-1	Blocking - signaling devices (ammeter)	piece	18.00		
36	08-03-575-1	Device or appliance dismantled before transportation (power transformer)	piece	18.00		
37	08-03-523-1	Safety device, installed on insulating support, electricity up to 100 A (ППНИ-33)	piece	14.00		
38	08-03-523-2	Safety device, installed on insulating support, electricity up to 250 A (ППНИ-35)	piece	4.00		
39	08-03-523-4	Safety device, installed on insulating support, electricity up to 630 A (ППНИ-39)	piece	2.00		
		Total Mounting works REAE.2.SU.D Including salary				
		2.3. Mounting works				
40	08-03-572-7	Command switchboard of closet-type or as distribution point type (case), mounted on the floor, with specific height and width, mm, up to 2000x1000x600 EVO-4000	piece	1.00		
41	08-01-058-2	Electricity power switcher with triggering device: electromagnetic (BA 99C)	piece	3.00		
42	08-01-061-1	Safety device (independent trigger)	piece	2.00		
43	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, power up to 25 A (BA47-63)	piece	4.00		
44	08-03-529-1	Continuous power contactor on constructions, power up to 160 A (KM)	piece	2.00		

1	2	3	4	5	6	7
45	08-03-508-1	Sliding power receiver without supporting construction, mass, kg, up to 10 (controller)	piece	1.00		
46	08-01-083-1	Blocking - signaling devices (multi-meter)	piece	1.00		
47	08-03-575-1	Device or appliance dismantled before transportation (power transformer)	piece	3.00		
48	08-03-575-1	Device or appliance dismantled before transportation (relay)	piece	2.00		
49	08-03-575-1	Device or appliance dismantled before transportation (power source)	piece	1.00		
50	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	1.00		
51	08-03-526-2	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 100 (BA47-63, BH32)	piece	3.00		
52	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, power up to 25 A (BA47-63)	piece	1.00		
53	08-03-524-19	Board with a bipolar lever breaker, assembled on flooring constructions, power up to 630 A	piece	1.00		
54	08-03-523-4	Safety device, installed on insulating support, power up to 630 A (ПН-2)	piece	6.00		
55	08-03-523-1	Safety device, installed on insulating support, power up to 100 A (ПН-2)	piece	24.00		
56	08-02-148-4	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 6 kg (5x185)	100 m	8.40		
57	Supplier price	Cable АBBГНГ-1,0 5x185 mm2	m.l.	10.00		
58	Supplier price	Cable АПвзБбШп 5x185 mm2	m.l.	830.00		
59	08-02-148-3	Cable up to 35 kV in pipes, blocks, and laid cases, mass 1 m up to: 3 kg (5x95)	100 m	1.70		
60	Supplier price	Cable АПвзБбШп 5x95 mm2	m.l.	170.00		
61	08-02-148-1	Cable up to 35 kV in pipes, blocks, and laid cases, mass 1 m up to: 1 kg	100 m	23.65		
62	Supplier price	Cable АПвзБбШп 5x35 mm2	m.l.	390.00		
63	Supplier price	Cable АПвзБбШп 5x25 mm2	m.l.	410.00		
64	Supplier price	Cable АПвзБбШп 5x16 mm2	m.l.	1 490,00		
65	Supplier	Cable АВббШв 3x16 mm2	m.l.	25.00		

1	2	3	4	5	6	7
	price					
66	Supplier price	Cable BBГHГ-LS-0.66 5x4 mm2	m.l.	15.00		
67	Supplier price	Cable BBГHГ-LS-0.66 5x16 mm2	m.l.	10.00		
68	Supplier price	Cable KBБ6IIIБ 7x2.5 mm2	m.l.	25.00		
69	08-02-159-4	Terminal head in rubber glove for cable with 3-4 conductors, pressure up to 1 kV, section of one conductor, up to: 240 mm2	piece	36.00		
70	08-02-159-3	Terminal head in rubber glove for cable with 3-4 conductors, pressure up to 1 kV, section of one conductor, up to: 120 mm2	piece	8.00		
71	08-02-159-1	Terminal head in rubber glove for cable with 3-4 conductors, pressure up to 1 kV, section of one conductor, up to: 35 mm2	piece	49.00		
72	08-02-155-1	Sealing the passes to the cable connections in explosive premises with compaction mass	passing	50.00		
73	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	0.69		
74	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50-100-3	m.l.	69.00		
75	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	69.00		
76	08-02-472-9 f	Grounding conductor, open, on construction supports, from round steel, diameter 20 mm	100 m	0.60		
		Total Mounting works Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works including salary				
		3. Equipment				
		3.1. Equipment REAT.2.A1, 2				
77	Supplier price	Polyethylene visiting manhole D=1000 mm, H=2000 mm of type Cab-2	piece	9.00		
78	Supplier price	Polyethylene visiting manhole D=1600 mm, H=2000 mm of type Cab-4	piece	9.00		
79	Supplier	Connection faucet, pipe D160	piece	100.00		

1	2	3	4	5	6	7
	price	with polyethylene manhole				
		Total Equipment REAT.2.A1, 2 Including salary				
		3.2. Equipment REAE.2.SU.D				
80	Supplier price	Box mounted on floor covering of type ИГО-90-1405У3, 800x600x2000(h)	piece	3.00		
81	Supplier price	Aluminum bar АД31Т 4x40 mm2	m.l.	2.40		
82	Supplier price	Aluminum bar АД31Т 8x80 mm2	m.l.	4.80		
83	Supplier price	Ammeter mounted in the panel, including the scale support 0-100 A	piece	14.00		
84	Supplier price	Ammeter mounted in the panel, including the scale support 0-300 A	piece	2.00		
85	Supplier price	Ammeter mounted in the panel, including the scale support 0-600 A	piece	2.00		
86	Supplier price	Power transformer 150/5 A	piece	14.00		
87	Supplier price	Power transformer 250/5 A	piece	2.00		
88	Supplier price	Power transformer 600/5 A	piece	2.00		
89	Supplier price	Fusible safety support ДП-39	piece	18.00		
90	Supplier price	Safety ППНИ-39 100A	set	14.00		
91	Supplier price	Safety ППНИ-39 250A	set	2.00		
92	Supplier price	Safety ППНИ-39 630A	set	2.00		
		Total Equipment REAE.2.SU.D Including salary				
		3.3. Equipment				
93	Supplier price	Box mounted on the floor covering 2000x1000x600 mm, IP31, of type EVO 4000, Siemens	piece	1.00		
94	Supplier price	Automaton BA 99C, 3P, In=630A, Icu=45kA	piece	3.00		
95	Supplier price	Electric drive for automatic switch BA 99C of type CD/2-630	piece	2.00		
96	Supplier price	Auxiliary contacts for automatic switch BA 99C of type mccb99c-a-16	piece	6.00		
97	Supplier price	Independent trigger for automatic switch BA 99C of type mccb99c-a-7	piece	2.00		
98	Supplier price	Automaton BA47-63, 3P, 25A, °B°	piece	1.00		
99	Supplier price	Automaton BA47-63, 3P, 10A, °B°	piece	2.00		

1	2	3	4	5	6	7
100	Supplier price	Automaton BA47-63, 1P, 10A, °B°	piece	1.00		
101	Supplier price	Relay switch In=25A, U=230V, KM 1-25-11	piece	2.00		
102	Supplier price	Controller for reversing the reserve source cat. no. 26194, "Legrand"	piece	1.00		
103	Supplier price	Multi-meter "Legrand"	piece	1.00		
104	Supplier price	Power transformer TTЭ60-600/5 A	piece	3.00		
105	Supplier price	Intermediary relay 2NO+2NC, In=16A, U=230V, "Legrand"	piece	2.00		
106	Supplier price	Supply source with internal accumulator, U=230/12 V, 6W, 0.5A, cat. no. 004210, "Legrand"	piece	1.00		
107	Supplier price	Copper bar 30x10 mm, 630A	m.l.	8.00		
108	Supplier price	DIN-Sina L=1.0 m	m.l.	2.00		
109	Supplier price	Insulator I=630A of type SM51	piece	12.00		
110	Supplier price	Board mounted on the wall ИПВ-183-1-36-YXJI3, IP31	piece	1.00		
111	Supplier price	Power switch BH-32, 3P, 63A	piece	1.00		
112	Supplier price	Automaton BA47-63, 3P, 32A, °C°	piece	2.00		
113	Supplier price	Automaton BA47-63, 3P, 20A, °C°	piece	1.00		
114	Supplier price	Switch with lever BP32-39, 630A, 380V	piece	1.00		
115	Supplier price	Fuse ПН2-315A with support	set	6.00		
116	Supplier price	Fuse ПН2-63 with support	set	15.00		
117	Supplier price	Fuse ПН2-32A with support	set	9.00		
118	Supplier price	Terminal head with thimble for cable with insulation from PVC section 4x185 mm ²	piece	8.00		
119	Supplier price	Terminal head with thimble for cable with insulation from PVC section 5x185 mm ²	piece	4.00		
120	Supplier price	Terminal head with thimble for cable with insulation from PE section 5x185 mm ²	piece	24.00		
121	Supplier price	Terminal head with thimble for cable with insulation from PE section 5x95 mm ²	piece	8.00		
122	Supplier price	Terminal head with thimble for cable with insulation from PE section 5x35 mm ²	piece	10.00		
123	Supplier price	Terminal head with thimble for cable with insulation from PE	piece	8.00		

1	2	3	4	5	6	7
		section 5x25 mm2				
124	Supplier price	Terminal head with thimble for cable with insulation from PE section 5x16 mm2	piece	28.00		
125	Supplier price	Terminal head with thimble for cable with insulation from PE section 3x16 mm2	piece	2.00		
126	Supplier price	Faucet for coupling oil cable - dry cable, section 5x16 mm2	piece	1.00		
		Total Equipment Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 4-2
External power supply 10,0kV (04/2015-0-REAE.3)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Construction works according to 04/2015-20-CBA				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	0.40		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m ³	1.76		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m ³	30.50		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m ³	0.31		
5	TsC54C	Foundation layer of gravel fr. 20-40 mm	m ³	1.76		
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being	m ²	128.02		

1	2	3	4	5	6	7
		included				
7	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	14.40		
8	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.014		
9	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	118.60		
10	AcA52D	Polyethylene pipe PE80 SDR11, with diameter 160 mm.	m	10.00		
11	AcA52D	Polyethylene pipe PE80 SDR11, with diameter 110 mm.	m	1.25		
12	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) F50 Small materials (resinous cases, nails, clamps) = 1.015	m3	13.50		
		Total Construction works according to 04/2015-20-CBA Including salary				
		1.2. Construction works cable lines				
13	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	2.16		
14	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	1.44		
15	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.06		

1	2	3	4	5	6	7
16	Supplier price	Sand for territory planning	m3	0.72		
17	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.06		
18	Supplier price	Construction bricks 250x120x65 mm	piece	74.00		
		Total Construction works cable lines Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
19	33-04-031-3	Assembling the sectioning points' layout: on pillars of reinforced concrete for supporters LEA (Separator 10kV)	1 point	1.00		
20	Supplier price	Metallic cross-beam M2-10-SP	piece	1.00		
21	Supplier price	Metallic back leg PA1	piece	1.00		
22	Supplier price	Metallic back leg PA2	piece	1.00		
23	Supplier price	Metallic back leg KM1	piece	2.00		
24	Supplier price	Metallic bracer K1	piece	3.00		
25	Supplier price	Metallic seal K3	piece	1.00		
26	08-02-472-8	Grounding conductor, open, on construction supports, from round steel, diameter 8 mm	100 m	0.015		
27	33-04-009-2	Suspending in unpopulated localities of the ducts LEA 6-10 kV, section over 35 mm2, with the help of appliances	1 km	0.009		
28	Supplier price	Cable AC 70 mm2	m.l.	9.00		
29	33-04-030-1	Assembling the diffuser: with the help of mechanisms (CUT-OUT)	set	3.00		
30	33-04-030-3	Assembling the switchers: with the help of mechanisms (ОПН-10)	set	3.00		
31	08-01-052-5	Crossing insulator with oval or square flange, pressure up to 10 kV	piece	6.00		

1	2	3	4	5	6	7
32	Supplier price	Suspension insulator ПС 70-E	set	6.00		
33	Supplier price	Extension clamp НБ-2	set	3.00		
34	Supplier price	Lug with 1 foot	set	3.00		
35	Supplier price	Clamp ПС	set	5.00		
36	Supplier price	Clamp А1А	set	3.00		
37	Supplier price	Clamp А2А	set	6.00		
38	Supplier price	Intermediary link ППТ-7	set	3.00		
39	Supplier price	Coupling link СРС-7-17	set	3.00		
40	08-02-159-8	Terminal head in rubber glove for cable with 3-4 conductors, pressure up to 10 kV, section of one conductor, up to: 185 mm ²	piece	1.00		
41	33-04-029-5	Mounting the equipment for the complete transformation substations of stall type: end substations with cable derivation	piece	1.00		
42	08-02-472-11	Connection bridge, grounding, steel cable, diameter up to 9.2 mm, for metallic constructions from the construction	10 pieces	0.10		
43	M1H05C	Electric generator of continuous or alternative power, mounted on the foundation of normal construction or with independent grounding, with a fixed coil of one or two pieces, having its own weight of 4-9 tones	t	4.10		
44	M1H12A	Electrical verification of engines, generators and synchronized compensator of any power, with a pressure higher than 1kV	piece	1.00		
45	08-01-102-1	Control and regulating switchboard (BZUM-TF)	piece	1.00		
46	08-03-600-2	Meters mounted on prepared support, with three phases	piece	1.00		
47	08-01-080-3	Device for measurement and protection, quantity connected extremities up to: 12 (separator and switcher Legrand)	piece	2.00		
48	08-01-006-1	Power transformer, tension kV: 35	set	3.00		
49	08-01-079-1	Bridge out of bars for assembled distribution installations, quantity supporting insulators: 9	piece	3.00		
50	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	0.03		
51	Supplier	Perforated zincked metallic gutter	m.l.	3.00		

1	2	3	4	5	6	7
	price	100x100x3000 mm, CLP10-100-100-3				
52	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	3.00		
53	08-02-411-2	Metallic hose, exterior diameter up to 60 mm	100 m	0.68		
54	Supplier price	Metallic hose d50	m.l.	68.00		
55	08-02-145-4	Cable up to 35 kV, placed on the bottom of the ditch without any fixing, weight 1 m up to: 6 kg (АПВБП 3x95-10)	100 m	0.07		
56	08-02-147-4	Cable up to 35 kV installed constructions and gutters, fixed at the bends and by the end of the length, mass 1 m of cable, up to: 6 kg	100 m	0.12		
57	Supplier price	Cable АПВБП-10 3x95 mm2	m.l.	20.00		
58	08-02-159-8	Terminal head in rubber glove for cable with 3-4 conductors, pressure up to 10 kV, section of one conductor, up to: 185 mm2	piece	1.00		
59	08-02-147-1	Cable up to 35 kV installed constructions and gutters, fixed at the bends and by the end of the length, mass 1 m of cable, up to: 1 kg (АВВГНГ 1x185)	100 m	1.35		
60	Supplier price	Cable АВВГНГ 1x185 mm2	m.l.	135.00		
61	08-03-574-8	Installations on devices and connecting the cable threads or conductors of exterior network to the blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 185 mm2	100 threads	0.18		
62	Supplier price	Cable lug DL-185	piece	9.00		
63	Supplier price	Cable lug JG-185	piece	9.00		
64	08-02-471-4 f	Ground plate, vertical, from round steel, diameter 20 mm, L=5.0 m	10 pieces	0.30		
65	08-02-472-9 f	Grounding conductor, open, on construction supports, from round steel, diameter 20 mm	100 m	0.22		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			

1	2	3	4	5	6	7
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
66	Supplier price	Fusible fuse 1-pole separator of type CUT-OUT	set	3.00		
67	Supplier price	Tension limiter ОПНП-10	set	3.00		
68	note***	Completely equipped transformation sub-station, pre-manufactured with power transformer 400kVA according to the scheme "line/terminus" of type КТПК-400/10/0,4 кВ Y1	set	1.00		
69	Supplier price	Electrical generator 400 kVA, in insulated carcass, 4100x1600x2615 mm, G=4.10 tn	set	1.00		
70	Supplier price	Case mounted on the wall 1250x650x325 mm	piece	1.00		
71	Supplier price	Electronic meter 5A, 380/220V, "ZMRG 410 CR"	piece	1.00		
72	Supplier price	Separator DPX-I, In=800A "Legrand"	piece	1.00		
73	Supplier price	Automaton DPX-I, In=800A, Icu=50kA "Legrand"	piece	1.00		
74	Supplier price	Power transformer ТТЭ60-600/5 A	piece	3.00		
75	Supplier price	Insulator I=1250A of type SM76	piece	27.00		
76	Supplier price	Copper bar 63x5 mm, 800A	piece	7.00		
77	Supplier price	Extension clamp for connection DPX-I at bars, In=1250A "Legrand"	piece	24.00		
78	Supplier price	Terminal head POLT-12D/3XIH1-ML-4-13 3x185 mm2	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 5-1

Parking, traffic signs, marking) inside territory of BCP/ Phase 1 (04/2015-0-DA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Entry in Customs (parking). PC 149+02 - PC 151				
		1.1. Earthworks				
1	TsC03B1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II.	100 m3	0.39		
2	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.	100 m3	5.98		
3	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	986.70		
4	TsC51A	Works for unloading the soil in the storage, field category I	100 m3	5.98		
5	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.	100 m3	1.45		
6	Supplier price	Price for clay for the earth bag (compacted condition)	m3	145.00		
7	TsD32A	Executing the earth bags, bringing up to the minimum density of 1.65 kg/cm, on settled grounds through stratified rolling of the soil with the roller	100 m3	1.45		
8	DI98	Mechanized profiling of the	100 m2	0.37		

1	2	3	4	5	6	7
		embankment slope, ground category II.				
9	TsH06B	Coating the embankments with compacted vegetal ground, for their consolidation, executed on slopes with a height up to 4 m, the vegetal ground layer being 15 cm thick	m2	260.00		
10	TsH09B	Seeding the lawn on areas with slope under 30%	100 m2	2.60		
		Total Earthworks works Including salary				
		1.2. Road system				
11	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage	m3	198.00		
12	DA10B	Road layer of granular material (gravel), stabilized with cement of 6% dosage, by mixing it in fixed stations, with mechanical laying	m3	195.30		
13	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	76.00		
14	DI107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete (651x0.6 kg)	t	0.391		
15	DB16H	Asphalt concrete covering with small aggregates type A MI, executed in hot conditions, in thickness of 4.0 cm with mechanical laying	m2	592.00		
16	DI107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete (592x0.6 kg)	t	0.355		
17	DB19G	Asphalt concrete covering with big aggregate type A MI, executed in hot conditions, in thickness of 6.0 cm with mechanical laying	m2	592.00		
18	DB16H k=2	Asphalt concrete covering with small aggregates type M1, executed in hot conditions, in thickness of 4.0 cm with mechanical laying (th. 80 mm) Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	592.00		
19	DA19A	Geo-composite layer of type 1 bedded on the road platform	m2	592.00		

1	2	3	4	5	6	7
		Total Road system Including salary				
		1.3. Sidewalk				
20	DE10C	Pre-manufactured concrete borders, for pavements 20x10 cm, on concrete foundation C12/15 30x15 cm	m	57.00		
21	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage	m3	8.55		
22	DA06A1	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with manual coverage of limestone gravel M400 fr. 20-40 mm	m3	8.60		
23	DI107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete	t	0.026		
24	DE12C	Poured asphalt, executed for pavement, on the existing foundation, in thickness of 3.0 cm	m2	86.00		
		Total Sidewalk Including salary				
		1.4. Signs, marking				
25	DF20B	Placing in localities the road signs on pillars of type B-700	piece	1.00		
26	DF20B	Placing in localities the road signs on pillars 700x350 mm	piece	1.00		
27	DF58A	Longitudinal, continuous road marking on the road with thermoplastic elements, width 0.15 m	m2	17.35		
		Total Signs, marking Including salary				
		Total Entry in Customs (parking). PC 149+02 - PC 151 Including salary				
		2. Organizing the road traffic on the Customs' territory				
28	DF20B	Placing in localities the road signs on pillars of type B-700	piece	11.00		
29	DF20B	Placing in localities the road traffic signs on pillars of type D-700	piece	8.00		
30	DF20B	Placing in localities the road traffic signs on pillars 700x350 mm	piece	18.00		

1	2	3	4	5	6	7
31	DF20B	Placing in localities the road traffic signs on pillars 600x900 mm	piece	2.00		
32	DF58A	Longitudinal, continuous road marking Type E on the road with thermoplastic elements, width 0.15 m	m2	250.80		
33	DF58A	Longitudinal, continuous road marking Type E (yellow) on the road with thermoplastic elements, width 0.15 m	m2	63.80		
34	DF58A	Longitudinal, continuous road marking Type L on the road with thermoplastic elements, width 0.15 m	m2	115.30		
35	DF58A	Longitudinal road marking Type G, with 1 discontinued line at a ratio of 3:1 and 1 continuous line, on the road with thermoplastic elements, width 0.15 m	m2	11.00		
36	DF58A	Longitudinal road marking Type I, with 1 discontinued line at a ratio of 1:1 on the road with thermoplastic elements, width 0.15 m	m2	27.50		
37	DF58A	Longitudinal road marking Type I (yellow), with 1 discontinued line at a ratio of 1:1 on the road with thermoplastic elements, width 0.15 m	m2	11.00		
38	DF58A	Longitudinal road marking Type 1.12 on the road with thermoplastic elements, width 0.40 m	m2	22.50		
39	DF58A	Longitudinal road marking Type 1.12 (Green) on the road with thermoplastic elements, width 0.40 m	m2	5.60		
40	DF58A	Longitudinal road marking Type 1.12 (red) on the road with thermoplastic elements, width 0.40 m	m2	5.60		
41	DF58A	Longitudinal road marking Type 1.13 on the road with thermoplastic elements	m2	5.00		
42	DF58A	Longitudinal road marking Type 1.16.1 on the road with thermoplastic elements	m2	247.00		
43	DF58A	Longitudinal road marking Type 1.16.2 on the road with thermoplastic elements	m2	33.30		
44	DF58A	Longitudinal road marking Type 1.16.3 on the road with thermoplastic elements	m2	53.40		

1	2	3	4	5	6	7
45	DF58A	Longitudinal road marking Type 1.18 on the road with thermoplastic elements	m2	9.70		
46	DF58A	Longitudinal road marking Type 1.27 on the road with thermoplastic elements	m2	15.40		
47	DF58A	Longitudinal road marking Type 1.27 (yellow) on the road with thermoplastic elements	m2	3.50		
48	DF57A	Performing the artificial road roughness ("stretched policeman") on the carriage made of pre-manufactured elements - removable: medium, length 490 mm, width 450 mm, height 50 mm	piece	140.00		
		Total Organizing the road traffic on the Customs' territory Including salary				
		Total	USD			
		Social and health insurance	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

**LOCAL ESTIMATE No 6-1
Fire Reservoir (04/2015-12-C)**

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Earthworks				
1	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.	100 m3	3.63		
2	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	598.95		
3	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	3.63		
4	TsC03B1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II.	100 m3	6.55		
5	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	19.50		
6	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	684.50		
7	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	6.85		

1	2	3	4	5	6	7
		Total Earthworks works Including salary				
		2. Constructions of reinforced concrete				
8	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	19.88		
9	DB02A	Priming the surface of the main layers or of the existing base in order to apply a wear layer of asphalt mixture, made of bitumen suspension filled at the concrete cement layers or asphalt mixtures	100 m2	1.99		
10	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	438.04		
11	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	18 237,00		
12	CC03B	Assembling welded meshes at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes over 3 kg/m2	kg	4 427,80		
13	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	147.50		
14	CL40A	Galvanizing in cold conditions in two layers of galvanized surfaces of new galvanizing and restoration of old ones in metal constructions, at the construction site	m2	1.35		
15	CA03G	Reinforced concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, concrete poured with classical means, reinforced concrete class C16/20 (M250) W6 Small materials (resinous cases, nails, clamps) = 1.015	m3	143.00		
16	CP54C	Plates with ribs for coverage in areas with seismic degree up to 6 for buildings with height up to 35 m, with the surface of 15m2. Note: type of pre-manufactured element 2ПП-2	piece	8.00		

1	2	3	4	5	6	7
17	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.07		
18	AcE09A	Mounting the iron-concrete stairs with D=16mm, at the visiting manholes or channels, executed in masonry, concrete or blocks. Small material (planking, etc.) = 1.040	piece	4.00		
19	RCsB30I	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 100 mm	piece	6.00		
20	RCsB30P	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 170 mm	piece	2.00		
21	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	63.00		
22	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.14		
23	CE24I	Cap of galvanized board of 0.5 mm thickness, for covering fumes, the chimney and ventilation tubes on the roofs Small materials (coal, hard water) = 1.030	piece	2.00		
24	AcE10A	Executing the manholes from the reinforced concrete pre-manufactured elements, for circular (ting-type) water supply, with diameter of 1,0 m, in the field without underground water Small materials (bracers, water)=1,015	m3	0.08		
25	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Note: KИО-1	piece	4.00		

1	2	3	4	5	6	7
26	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Note: led of cast iron of type JI	piece	4.00		
27	CH10A	Ready-made straight metallic stairs in quantities bigger than 50 kg Small materials for assembling = 1.018	kg	149.60		
28	CK35B	Metal dowels D=16mm, L=200mm, fixed in reinforced concrete walls	piece	32.00		
29	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.15		
30	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapora, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	250.00		
31	IzF50A	Hydro-insulation performed with cement mortar with liquid glass at foundations and walls, applied on horizontal surfaces	m2	377.00		
32	IzF30B f	Hydro-insulating layer executed on concrete surfaces with "Hamast", fitting in the junctions and delicate levelling: the thickness of the hydro-insulating layer 4 mm !!! consumption of materials - 6 kg/m2	m2	144.00		
		Total Constructions of reinforced concrete Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			57 073
		Total estimate:				

1	2	3	4	5	6	7
		Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-2
External water and sewerage networks (04/2015-0-REAC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary	Total incl. salary
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	18.14		
2	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m ³	1.50		
3	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	247.50		
4	TsC51B	Works for unloading the soil in the storage, field category II	100 m ³	1.50		
5	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m ³	62.00		
6	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand	m ³	125.00		
7	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of	m ³	376.00		

1	2	3	4	5	6	7
		piles , including smashing of earth bolls from the middle ground				
8	TsD04A	Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of non-cohesive ground	m3	376.00		
9	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 CP, in layers with thickness of 15-20 cm	100 m3	15.00		
10	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	15.00		
		Total Earthworks works Including salary				
		1.2. Manholes				
		1.2.1. Water pipeline B1				
11	AcE11A	Executing the manholes from the reinforced concrete pre-manufactured elements, for circular (ting-type) water supply, with diameter of 1,5 m, in the field without underground water Small materials (bracers, water)=1,015	m3	9.00		
12	AcE11A1	Pre-manufactured reinforced concrete elements KII-15	piece	6.00		
13	AcE11A1	Pre-manufactured reinforced concrete elements KII-15-9	piece	12.00		
14	AcE11A1	Pre-manufactured reinforced concrete elements KIII 1-15-1	piece	12.00		
15	AcE11A1	Pre-manufactured reinforced concrete elements KII0-1	piece	12.00		
16	AcE11A1	Pre-manufactured reinforced concrete elements KII 7-3	piece	6.00		
17	AcE10A	Executing the manholes from the reinforced concrete pre-manufactured elements, for circular (ting-type) water supply, with diameter of 1,0 m, in the field without underground water Small materials (bracers, water)=1,015	m3	0.77		
18	AcE10A1	Pre-manufactured reinforced concrete elements KII-10	piece	1.00		
19	AcE10A1	Pre-manufactured reinforced	piece	1.00		

1	2	3	4	5	6	7
		concrete elements KII 10-6				
20	AcE10A1	Pre-manufactured reinforced concrete elements KII 10-9	piece	1.00		
21	AcE10A1	Pre-manufactured reinforced concrete elements KIII 1-10-1	piece	1.00		
22	AcE11A1	Pre-manufactured reinforced concrete elements KII0-1	piece	2.00		
23	AcE11A1	Pre-manufactured reinforced concrete elements KII 7-3	piece	1.00		
24	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	243.24		
25	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.243		
26	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.04		
27	AcE10A1	Pre-manufactured reinforced concrete elements. Metallic stairs	kg	45.50		
28	AcE10A1	Elements of the shutter hall, Led C250	piece	6.00		
29	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapora, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	67.50		
30	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	6.75		
31	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	3.74		
32	DI107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete	t	0.01		
33	DB16D	Asphalt concrete covering with small aggregates, executed in hot conditions, in thickness of 4.0 cm	m2	37.38		

1	2	3	4	5	6	7
		with manual laying				
		Total Water pipeline B1 Including salary				
		1.2.2. Water pipeline B2				
34	AcE11A	Executing the manholes from the reinforced concrete pre-manufactured elements, for circular (ting-type) water supply, with diameter of 1,5 m, in the field without underground water Small materials (bracers, water)=1,015	m3	3.76		
35	AcE11A1	Pre-manufactured reinforced concrete elements KИI-15	piece	2.00		
36	AcE11A1	Pre-manufactured reinforced concrete elements KИ-15-9	piece	6.00		
37	AcE11A1	Pre-manufactured reinforced concrete elements KИII 1-15-1	piece	2.00		
38	AcE11A1	Pre-manufactured reinforced concrete elements KИ0-1	piece	2.00		
39	AcE11A1	Pre-manufactured reinforced concrete elements KИ 7-3	piece	2.00		
40	AcE10A	Executing the manholes from the reinforced concrete pre-manufactured elements, for circular (ting-type) water supply, with diameter of 1,0 m, in the field without underground water Small materials (bracers, water)=1,015	m3	2.15		
41	AcE10A1	Pre-manufactured reinforced concrete elements KИI-10	piece	2.00		
42	AcE10A1	Pre-manufactured reinforced concrete elements KИ 10-6	piece	2.00		
43	AcE10A1	Pre-manufactured reinforced concrete elements KИ 10-9	piece	5.00		
44	AcE10A1	Pre-manufactured reinforced concrete elements KИII 1-10-1	piece	2.00		
45	AcE11A1	Pre-manufactured reinforced concrete elements KИ0-1	piece	6.00		
46	AcE11A1	Pre-manufactured reinforced concrete elements KИ 7-3	piece	3.00		
47	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	141.44		
48	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on	t	0.142		

1	2	3	4	5	6	7
		profiles with thicknesses up to 7 mm inclusively				
49	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.17		
50	AcE10A1	Pre-manufactured reinforced concrete elements. Metallic stairs	kg	26.00		
51	AcE10A1	Elements of the shutter hall, Led C250	piece	4.00		
52	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	57.07		
53	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	5.70		
54	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	2.14		
55	DI107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete	t	0.005		
56	DB16D	Asphalt concrete covering with small aggregates, executed in hot conditions, in thickness of 4.0 cm with manual laying	m2	21.36		
		Total Water pipeline B2 Including salary				
		1.2.3. Sewerage C1				
57	AcE13A	Executing the manholes from the reinforced concrete pre-manufactured elements, for sewerage, circular (ring-type) with diameter of 1,0 m, in the field without underground water Small materials (bracers, water)=1,007	m3	9.82		
58	AcE10A1	Pre-manufactured reinforced concrete elements KII-10	piece	13.00		
59	AcE10A1	Pre-manufactured reinforced concrete elements KII 10-3	piece	15.00		
60	AcE10A1	Pre-manufactured reinforced concrete elements KII 10-9	piece	19.00		
61	AcE10A1	Pre-manufactured reinforced concrete elements KIII 1-10-1	piece	13.00		
62	AcE11A1	Pre-manufactured reinforced concrete elements KII0-1	piece	21.00		

1	2	3	4	5	6	7
63	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	244.32		
64	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.244		
65	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.05		
66	AcE10A1	Pre-manufactured reinforced concrete elements. Metallic stairs	kg	139.00		
67	AcE10A1	Elements of the shutter hall, Led C250	piece	4.00		
68	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapora, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	98.19		
69	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	9.82		
		Total Sewerage C1 Including salary				
		1.2.4. Sewerage C2				
70	AcE14A	Executing the manholes from the reinforced concrete pre-manufactured elements, for sewerage, circular (ring-type) with diameter of 1,5 m, in the field without underground water Small materials (bracers, water)=1,006	m3	2.74		
71	AcE11A1	Pre-manufactured reinforced concrete elements KII-15	piece	3.00		
72	AcE11A1	Pre-manufactured reinforced concrete elements KII-15-6	piece	3.00		
73	AcE11A1	Pre-manufactured reinforced concrete elements KIII 1-15-1	piece	3.00		

1	2	3	4	5	6	7
74	AcE11A1	Pre-manufactured reinforced concrete elements KIQ0-1	piece	5.00		
75	AcE13A	Executing the manholes from the reinforced concrete pre-manufactured elements, for sewerage, circular (ring-type) with diameter of 1,0 m, in the field without underground water Small materials (bracers, water)=1,007	m3	9.00		
76	AcE10A1	Pre-manufactured reinforced concrete elements KIQI-10	piece	12.00		
77	AcE10A1	Pre-manufactured reinforced concrete elements KIQ 10-3	piece	11.00		
78	AcE10A1	Pre-manufactured reinforced concrete elements KIQ 10-9	piece	18.00		
79	AcE10A1	Pre-manufactured reinforced concrete elements KIQII 1-10-1	piece	12.00		
80	AcE11A1	Pre-manufactured reinforced concrete elements KIQ0-1	piece	22.00		
81	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	271.32		
82	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.271		
83	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.09		
84	AcE10A1	Pre-manufactured reinforced concrete elements. Metallic stairs	kg	239.80		
85	AcE10A1	Elements of the shutter hall, Led C250	piece	15.00		
86	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapora, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	122.50		
87	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous	m2	12.25		

1	2	3	4	5	6	7
		support Small material = 1.050				
		Total Sewerage C2 Including salary				
		Total Manholes Including salary				
		1.3. Pipes and accessories				
		1.3.1. Water pipeline B1				
88	AcA52A	Polyethylene pipe PE80 PN10, for water supply tubes, mounted in ditch, with diameter 25x2.0 mm	m	87.00		
89	AcA52A	Polyethylene pipe PE80 PN8, for water supply tubes, mounted in ditch, with diameter 63x3.8 mm	m	400.00		
90	AcA10B	Embedding the tube for pipe protection, from pressurized polyethylene PE 80 PN8, having the diameter 160x6.2 mm Small materials (cleaning liquid, wipers) = 1.015	m	30.00		
91	AcA10C	Embedding the tube for pipe protection, from pressurized polyethylene PE 80 PN8, having the diameter 225x8.6 mm Small materials (cleaning liquid, wipers) = 1.010	m	120.00		
92	SD08A	Gate valve, with flat or oval body, of cast iron, with flanges, having the nominal diameter of 50 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.050	piece	4.00		
93	SD08A	Gate valve, with flat or oval body, of cast iron, with flanges, having the nominal diameter of 20 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.050	piece	3.00		
94	AcA54B	Mechanic combination between the pipe and the fitting (connecting clip) from polyethylene, the pipes having the diameter 63x110 mm	piece	3.00		
95	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend 63x63x63) from polyethylene, the pipes having the diameter 63 mm	piece	1.00		
96	AcA54B	Mechanic combination between the pipe and the fitting (connecting clip) from polyethylene, the pipes having the diameter 25x63 mm	piece	4.00		
97	AcA53A	Combining through electro-fusion welding the pipe and the fitting	piece	1.00		

1	2	3	4	5	6	7
		(steel reduction x PE) from polyethylene, the pipes having the diameter 3/4" x 25 mm.				
98	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 50 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	8.00		
99	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 20 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	6.00		
100	AcA53A	Combining through electro-fusion welding the pipe and the fitting (adapter for flange + free flange) from polyethylene, the pipes having the diameter 63 mm	piece	8.00		
101	AcA53A	Combining through electro-fusion welding the pipe and the fitting (steel reduction x PE) from polyethylene, the pipes having the diameter 3/4" x 25 mm.	piece	3.00		
102	AcF12A	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 100 mm	m	487.00		
103	AcF11C	Washing the PVC, cast iron, asbestos-cement, polyethylene, etc. pipes 20-75 mm, for drinking water, after assembling and joining them, before reception	m	487.00		
		Total Water pipeline B1 Including salary				
		1.3.2. Water pipeline B2				
104	AcA52D	Polyethylene pipe PE80 PN8, for water supply tubes, mounted in ditch, with diameter 110x9.5 mm	m	45.00		
105	AcA52C	Polyethylene pipe PE80 PN8, for water supply tubes, mounted in ditch, with diameter 90x5.4 mm	m	45.00		
106	AcA52B	Polyethylene pipe PE80 PN8, for water supply tubes, mounted in ditch, with diameter 75x4.5 mm	m	111.00		
107	AcA10B	Embedding the tube for pipe protection, from pressurized polyethylene PE 80 PN8, having the diameter 160x6.2 mm Small materials (cleaning liquid, wipers) = 1.015	m	20.00		
108	SD09E	Tap with valve, with the interior	piece	2.00		

1	2	3	4	5	6	7
		rod threat from cast iron, with straight or corner collars, having the nominal diameter of 100 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.030				
109	SD09D	Tap with valve, with the interior rod threat from cast iron, with straight or corner collars, having the nominal diameter of 80 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.035	piece	2.00		
110	SA35D1	T-bend from soft cast iron with flanges, mounted by screwing on steel pipes for galvanized installations, on columns for internal hydrants, the pipe having the diameter of 4 “ Small material (hemp tows, minium primer) = 1.010	piece	2.00		
111	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, the reduction having the diameter of 100x80 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.020	piece	2.00		
112	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 100 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
113	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 80 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
114	AcA53B	Combining through electro-fusion welding the pipe and the fitting (adapter for flange + free flange) from polyethylene, the pipes having the diameter 90 mm	piece	4.00		
115	AcA53C	Combining through electro-fusion welding the pipe and the fitting (adapter for flange + free flange) from polyethylene, the pipes having the diameter 110 mm	piece	2.00		
116	AcA53B	Combining through electro-fusion welding the pipe and the fitting (steel reduction x PE 2 1/2"x75) from polyethylene, the pipes having the diameter 75 mm.	piece	1.00		
117	AcA53B	Combining through electro-fusion welding the pipe and the fitting	piece	4.00		

1	2	3	4	5	6	7
		(bend 90") from polyethylene, the pipe having the diameter 90 mm				
118	AcA53B	Combining through electro-fusion welding the pipe and the fitting (bend 60") from polyethylene, the pipe having the diameter 90 mm	piece	4.00		
119	AcA53B	Combining through electro-fusion welding the pipe and the fitting (bend 60") from polyethylene, the pipe having the diameter 90 mm	piece	4.00		
120	AcF12A	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 100 mm	m	156.00		
121	AcF12B	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 150 mm	m	45.00		
122	AcF11C	Washing the PVC, cast iron, asbestos-cement, polyethylene, etc. pipes 20-75 mm, for drinking water, after assembling and joining them, before reception	m	111.00		
123	AcF11D	Washing the PVC, cast iron, asbestos-cement, polyethylene, etc. pipes 80-110 mm, for drinking water, after assembling and joining them, before reception	m	90.00		
		Total Water pipeline B2 Including salary				
		1.3.3. Sewerage C1				
124	AcA10B	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 160 mm Small materials (cleaning liquid, wipers) = 1.015	m	150.00		
125	AcA10B	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 200 mm Small materials (cleaning liquid, wipers) = 1.015	m	125.00		
126	AcA52A	Polyethylene pipe PE80 PN8, for water supply tubes, mounted in ditch, with diameter 63x3.8 mm	m	227.00		
127	AcF12C	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 200 mm	m	275.00		
128	AcF12A	The pressure-test for the polyethylene pipes mounted in	m	227.00		

1	2	3	4	5	6	7
		channels for the water and sewerage supply, with diameter up to 100 mm				
		Total Sewerage C1 Including salary				
		1.3.4. Sewerage C2				
129	AcA10B	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 200 mm Small materials (cleaning liquid, wipers) = 1.015	m	77.00		
130	AcA10C	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 250 mm Small materials (cleaning liquid, wipers) = 1.010	m	47.00		
131	AcA10C	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 300 mm Small materials (cleaning liquid, wipers) = 1.010	m	20.00		
132	AcA10D	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 400 mm Small materials (cleaning liquid, wipers) = 1.010	m	42.00		
133	AcA10D	Embedding the pressurized polyethylene pipe PE 80 PN4, having the diameter 500 mm Small materials (cleaning liquid, wipers) = 1.010	m	7.00		
134	AcF12C	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 200 mm	m	77.00		
135	AcF12D	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 250 mm	m	47.00		
136	AcF12E	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 300 mm	m	20.00		
137	AcF12F	The pressure-test for the polyethylene pipes mounted in channels for the water and sewerage supply, with diameter up to 400 mm	m	42.00		
138	AcF12G	The pressure-test for the polyethylene pipes mounted in channels for the water and	m	7.00		

1	2	3	4	5	6	7
		sewerage supply, with diameter up to 500 mm				
		Total Sewerage C2 Including salary				
		Total Pipes and accessories Including salary				
		1.4. Pluvial water treatment plant (04/2015-11A,11B-CBA)				
139	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.26		
140	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	5.76		
141	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m3	0.58		
142	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	95.70		
143	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.58		
144	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	26.00		
145	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.26		
146	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	5.76		
147	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	79.30		

1	2	3	4	5	6	7
148	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	156.16		
149	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	1 902,40		
150	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	18.00		
151	CG01A	Supporting layer for flooring executed from cement mortar M 100-T of 3 cm thickness with delicately smoothed face	m2	43.26		
152	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 100 of 3 cm thickness with delicately smoothed face. The minus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-43.26		
		Total Pluvial water treatment plant (04/2015-11A,11B-CBA Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
153	IA30E F	Assembling pluvial water treatment plants	piece	4.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			

1	2	3	4	5	6	7
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
154	Supplier price	The pluvial water treatment plant of type Alfa GSJ-15 completely equipped	set	4.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 6-3
External electrical lighting. Phase 1 (04/2015-0-IEE)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Foundations under pillars (04/2015-0-IEE.D1)				
1	FjG01B F	Dry shaft executed manually in grounds of class I and II, down to 32 m depth, with diameter of 1000 mm (adopted)	m	44.70		
2	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	2.59		
3	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	128.66		
4	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	143.44		
5	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	438.00		
6	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	606.06		

1	2	3	4	5	6	7
		(bolt 1.1M 24x800 Бет3пс2)				
7	CA03G	Reinforced concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, concrete poured with classical means, reinforced concrete class C20/25 (M350) F50 Small materials (resinous cases, nails, clamps) = 1.015	m3	17.67		
8	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	14.83		
9	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.15		
10	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m3	0.20		
11	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	33.00		
12	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.20		
		Total Foundations under pillars (04/2015-0-IEE.D1) Including salary				
		1.2. Construction works (04/2015-0-IEE)				
13	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	3.80		
14	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m3	0.30		
15	TsI50A4	Transportation of the ground with	t	49.50		

1	2	3	4	5	6	7
		the dumper of 5 t at a distance of 4 km				
16	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.30		
17	34-02-003-1	Executing the pipe line from technical polyethylene pipes D=40 mm	1 km	1.65		
18	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	380.00		
		Total Construction works (04/2015-0-IEE)				
		Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
19	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350 (ИЦПН)	piece	1.00		
20	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	1.00		
21	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BH32, BA47-29)	piece	6.00		
22	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350 (ИЦМП)	piece	5.00		
23	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	5.00		
24	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, АВДТ32, АВДТ34)	piece	5.00		
25	08-03-534-1	Universal commutator protected from dust and water, assembled on the construction, on the wall or column, the quantity of sections	piece	5.00		

1	2	3	4	5	6	7
		up to 4 (LAY5-BG45)				
26	08-03-575-1	Device or appliance dismantled before transportation (programmed switcher ТЭ-15, button SB-7, relay РЭК78/4)	piece	20.00		
27	08-03-529-1	Continuous power contactor on constructions, electricity up to 160 A (КМН)	piece	5.00		
28	08-02-369-2	Light fitting installed outside the buildings, with LED bulbs	piece	45.00		
29	08-02-412-4	Introducing conductors in laid metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 35 mm2 (C2XY-F 3x6,0)	100 m	12.30		
30	Supplier price	Cable C2XY-F 3x6.0 mm2	m.l.	1 230,00		
31	08-02-412-4	Introducing conductors in laid metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 35 mm2 (C2XY-F 3x10)	100 m	3.30		
32	Supplier price	Cable C2XY-F 3x10 mm2	m.l.	330.00		
33	08-02-412-4	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 35 mm2 (BBГНГ-LS 3x6,0)	100 m	0.30		
34	Supplier price	Cable BBГНГ-LS-0.66 3x6 mm2	m.l.	30.00		
35	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2 (ППГН 1x2,5)	100 m	10.80		
36	Supplier price	Thread ППГН 1x2.5 mm2	m.l.	1 080,00		
37	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	0.10		
38	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50-100-3	m.l.	10.00		
39	33-01-016-1	Assembling the steel pylons S235JRG2, galvanized in hot conditions, for support, self-standing, on one stand, weight up to 2 t EUROPOLES or similar production (CC 7m, 62/160/4 mm - 27 pieces, CC 11m 62/216/4 mm - 8 pieces)	t	3.413		

1	2	3	4	5	6	7
40	08-02-363-1	Special metallic consoles welded on the columns for the light fittings, quantity of bulbs 1	piece	25.00		
41	Supplier price	Steel metallic back leg S235JRG2, galvanized in hot conditions, with a simple straight arm of type WPD 1/1.5/10 fi60	piece	25.00		
42	08-02-363-2	Special metallic consoles welded on the columns for the light fittings, quantity of bulbs 2	piece	10.00		
43	Supplier price	Steel metallic back leg S235JRG2, galvanized in hot conditions, with a simple double straight arm of type WPD 1/1.5/10 fi60	piece	8.00		
44	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29)	piece	35.00		
45	08-03-574-1	Installations on devices and connecting the cable threads or conductors of exterior network to the blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 10 mm2	100 threads	4.71		
46	08-02-472-2	Grounding conductor: ground plate, horizontal, from strip steel, section 160 mm2	100 m	0.40		
47	08-02-472-9 f	Grounding conductor, open, on construction supports, from round steel, diameter 25 mm (consumption of concrete steel D=25 mm - 392.58 kg/100m)	100 m	1.40		
48	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	16.50		
49	Supplier price	Sand	m3	18.00		
50	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	16.50		
51	Supplier price	Construction bricks 250x120x65 mm	piece	6 255,00		
52	08-02-406-1	Metallic constructions for pipes: clamps or constructions, type "II"	t	0.05		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works				

1	2	3	4	5	6	7
		Including salary				
		3. Equipment				
53	Supplier price	Case mounted on the wall ЩРН-123-0-74-Y2, IP54	piece	1.00		
54	Supplier price	Power switch BH-32, 3P, 25A	piece	1.00		
55	Supplier price	Automaton BA47-29M, 1P, 16A, °B°	piece	5.00		
56	Supplier price	Case mounted on the wall ЩМП-1-0 74 Y2, IP54	piece	5.00		
57	Supplier price	Automaton BA47-29M, 1P, 10A, °B°	piece	5.00		
58	Supplier price	Commutator LAY5-BG45 with key BSW80-BG-2-K02	piece	5.00		
59	Supplier price	Intermediary relay РЭК 78/4. 3A. 230 V	piece	5.00		
60	Supplier price	Contractor КМИ 11810, 18A, 230 V	piece	5.00		
61	Supplier price	Button SB-7	piece	10.00		
62	Supplier price	Timer ТЭ15	piece	5.00		
63	Supplier price	Street light fitting with LED bulb, light flux 5000-6000 Lm, 50W, 220V of type ECO Street 50W	piece	29.00		
64	Supplier price	Street light fitting with LED bulb, light flux 15000-18000 Lm, 150W, 220V of type ECO Street 150W	piece	16.00		
65	Supplier price	Automaton BA47-29M, 2P, 2A, °B°	piece	35.00		
66	Supplier price	Clamps type ЗНИ-6	piece	291.00		
67	Supplier price	Clamps type ЗНИ-10	piece	180.00		
68	Supplier price	DIN-Sina L=1.0 m	m.l.	3.50		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: USD Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-5

External gas supply (medium and low pressure) (04/2015-AGE)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Medium pressure gas pipeline				
		1.1.1. Conducts				
1	GD12A	Joining the new pipe with the existing network in operation	piece	1.00		
2	GD14A	Ramification of the branch pipes, with the Dn: 1"-1 1/4"	piece	1.00		
3	GE05A	Steel flange Pn 10-25, electrically welded on pipes, with Dn: -32 mm	piece	2.00		
4	GB01A	Tap with flanges, with Dn 32 mm	piece	1.00		
5	IC26C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 38x3.0 mm	m	2.00		
6	GD05A	Steel T-bend 90°, assembled on pipes through welding, having Dn 1 1/4"; 38x3.0 mm	piece	3.00		
7	CN23B1	Paintings of ordinary quality of the functional installations, executed with oil-based paint on pipes with the exterior diameter over 34 mm inclusively	m2	0.24		
8	IE06B	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, diameter over 1"	m	2.00		
9	IE07B	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage	m	2.00		

1	2	3	4	5	6	7
		devices, the pipes having the diameter over 1"				
10	GD61A	Polyethylene pipe PE80 SDR11 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 40x3.7 mm Small materials (detergent, connector, pasting tape) = 1.001	m	103.00		
11	GA12A	Under-passing under the existing tubes or cables, the route of the pipe having the Dn up to 100 mm	piece	2.00		
12	GD54A	Combining through electro-fusion welding the pipe and the fitting (bend 45") from polyethylene PE80, the pipe having the diameter 40 mm Small materials (alcohol, detergent, marker) = 1,000	piece	1.00		
13	GD54A	Combining through electro-fusion welding the pipe and the fitting (bend 45') from polyethylene PE80, the pipe having the diameter 40 mm Small materials (alcohol, detergent, marker) = 1,000	piece	2.00		
14	GD58A f	Mounting protection tubes of polyethylene, at crossings, the tube having the diameter 75 mm Small materials (detergent, marker, pasting tape) = 1.002	m	34.25		
15	10-06-015-08	Different works: Mounting the pillar on measurements for the telecommunications line (marking point)	piece	4.00		
16	IE06B	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, diameter over 1"	m	103.00		
17	IE07B	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter over 1"	m	103.00		
		Total Conducts Including salary				
		1.1.2. Node YIII-1-2 (Dn40)				
18	CA02C	Simple concrete B12.5/M150 poured in equalization, slabs at the height of 35m inclusively, prepared with the concrete plant according to art. CA01 or concrete-commodity, poured with	m3	0.01		

1	2	3	4	5	6	7
		classical means Small materials (resinous cases) = 1.010				
19	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	3.89		
20	GA08A	Protection tube for the steel pipe, mounted in the ditch, when crossing the roads, for the protection of the pipe, the tube having the Dn 108 x 4 mm	m	1.00		
21	TsC54A	Foundation layer of sand	m3	0.01		
22	GD61B	Polyethylene pipe PE80 SDR17.6 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 90 mm Small materials (detergent, connector, pasting tape) = 1.001	m	1.60		
23	AcF13A	Embedding the heads with bitumen and bituminous tows on the protective tubes with diameters: up to 150 mm Small materials (support gussets, wooden stoppers)=1.001	piece	1.00		
24	GD61A	Polyethylene pipe PE80 SDR11 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 40x3.7 mm Small materials (detergent, connector, pasting tape) = 1.001	m	3.00		
25	GD54A	Combining through electro-fusion welding the pipe and the fitting (sleeve) from polyethylene PE 80, the pipes having the diameter 40 mm Small materials (alcohol, detergent, marker) = 1,000	piece	1.00		
26	GD54A	Combining through electro-fusion welding the pipe and the fitting (reduction OT/PE 1 1/4"x40) from polyethylene, the pipes having the diameter 63 mm Small materials (alcohol, detergent, marker) = 1,000	piece	1.00		
27	IC26C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 32x3.2 mm	m	0.50		
		Total Node VIII-1-2 (Dn40) Including salary				

1	2	3	4	5	6	7
		1.1.3. Node VIII-16-2 (Dn40)				
28	CA02C	Simple concrete B12.5/M150 poured in equalization, slabs at the height of 35m inclusively, prepared with the concrete plant according to art. CA01 or concrete-commodity, poured with classical means Small materials (resinous cases) = 1.010	m3	0.01		
29	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	3.89		
30	GA08A	Protection tube for the steel pipe, mounted in the ditch, when crossing the roads, for the protection of the pipe, the tube having the Dn 108 x 4 mm	m	1.00		
31	TsC54A	Foundation layer of sand	m3	0.01		
32	GD61B	Polyethylene pipe PE80 SDR17.6 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 90 mm Small materials (detergent, connector, pasting tape) = 1.001	m	1.60		
33	AcF13A	Embedding the heads with bitumen and bituminous tows on the protective tubes with diameters: up to 150 mm Small materials (support gussets, wooden stoppers)=1.001	piece	1.00		
34	GD61A	Polyethylene pipe PE80 SDR11 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 40x3.7 mm Small materials (detergent, connector, pasting tape) = 1.001	m	3.00		
35	GD54A	Combining through electro-fusion welding the pipe and the fitting (sleeve) from polyethylene PE 80, the pipes having the diameter 40 mm Small materials (alcohol, detergent, marker) = 1,000	piece	1.00		
36	GD54A	Combining through electro-fusion welding the pipe and the fitting (reduction OT/PE 1 1/4"x40) from polyethylene, the pipes having the diameter 63 mm Small materials (alcohol, detergent, marker)= 1,000	piece	1.00		
37	IC26C	Longitudinally welded black steel pipe, for installations, non-	m	0.50		

1	2	3	4	5	6	7
		threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 32x3.2 mm				
38	GE05A	Steel flange Pn 10-25, electrically welded on pipes, with Dn: -32 mm	piece	2.00		
39	GB01A	Tap with flanges, with Dn 32 mm	piece	1.00		
		Total Node VIII-16-2 (Dn40) Including salary				
		1.1.4. Construction works ПДHK-400				
40	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground	m3	0.30		
41	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	0.96		
42	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.40		
		Total Construction works ПДHK-400 Including salary				
		Total Medium pressure gas pipeline Including salary				
		1.2. Low pressure gas pipeline 1.2.1. Conducts				
43	GD61B	Polyethylene pipe PE80 SDR17.6 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch,	m	50.00		

1	2	3	4	5	6	7
		with the diameter 75x4.3 mm Small materials (detergent, connector, pasting tape) = 1.001				
44	GD54B	Combining through electro-fusion welding the pipe and the fitting (bend 45') from polyethylene PE80, the pipes having the diameter 75 mm Small materials (alcohol, detergent, marker) = 1,000	piece	2.00		
45	GA12A	Under-passing under the existing tubes or cables, the route of the pipe having the Dn up to 100 mm	piece	4.00		
46	GD58A f	Mounting protection tubes of polyethylene, at crossings, the tube having the diameter 100 mm Small materials (detergent, marker, pasting tape) = 1.002	m	31.50		
47	IC28B	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in gas installations for social-cultural and residential buildings, the pipe having the external diameter and thickness of the wall of 65x4.0 mm	m	2.00		
48	IC28C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in gas installations for social-cultural and residential buildings, the pipe having the external diameter and thickness of the wall of 76x4.0 mm	m	10.00		
49	GD05A	Steel T-bend 90^, assembled on pipes through welding, having Dn 3 3"; 76x4.0 mm	piece	4.00		
50	GD05A	Welding curve (steel reduction) assembled on pipes through welding, having D76x4.0/65x4.0 mm	piece	1.00		
51	ID10G	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations , having nominal diameter of 3"	piece	1.00		
52	CN23B1	Paintings of ordinary quality of the functional installations, executed with oil-based paint on pipes with the exterior diameter over 34 mm inclusively	m2	2.80		
53	IE06B	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices,	m	62.00		

1	2	3	4	5	6	7
		diameter over 1"				
54	IE07B	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter over 1"	m	62.00		
55	IA49C	Support for gas meter, having the debit of 100 m3/h	piece	1.00		
		Total Conducts Including salary				
		1.2.2. Node VIII-2-2 (Dn75) - 2 pieces				
56	CA02C	Simple concrete B12.5/M150 poured in equalization, slabs at the height of 35m inclusively, prepared with the concrete plant according to art. CA01 or concrete-commodity, poured with classical means Small materials (resinous cases) = 1.010	m3	0.02		
57	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	7.78		
58	GA08A	Protection tube for the steel pipe, mounted in the ditch, when crossing the roads, for the protection of the pipe, the tube having the Dn 159 x 4.5 mm	m	2.00		
59	GD61B	Polyethylene pipe PE80 SDR17.6 for distribution tubes (with the cleaning of the tubes through air drain), assembled in the ditch, with the diameter 75x4.3 mm Small materials (detergent, connector, pasting tape) = 1.001	m	2.00		
60	TsC54A	Foundation layer of sand	m3	0.02		
61	IC28B	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in gas installations for social-cultural and residential buildings, the pipe having the external diameter and thickness of the wall of 65x4.0 mm	m	1.00		
62	AcF13A	Embedding the heads with bitumen and bituminous tows on the protective tubes with diameters: up to 150 mm Small materials (support gussets, wooden stoppers)=1.001	piece	2.00		
63	GD54B	Combining through electro-fusion welding the pipe and the fitting	piece	2.00		

1	2	3	4	5	6	7
		(sleeve) from polyethylene PE80, the pipes having the diameter 75 mm Small materials (alcohol, detergent, marker) = 1,000				
64	GD54B	Combining through electro-fusion welding the pipe and the fitting (bend 90') from polyethylene PE80, the pipes having the diameter 75 mm Small materials (alcohol, detergent, marker) = 1,000	piece	2.00		
65	GD54B	Combining through electro-fusion welding the pipe and the fitting (reduction PE x steel 75x2 1/2") from polyethylene PE80, the pipes having the diameter 75 mm Small materials (alcohol, detergent, marker) = 1,000	piece	2.00		
		Total Node VIII-2-2 (Dn75) - 2 pieces Including salary				
		Total Low pressure gas pipeline Including salary				
		1.3. Earthworks				
66	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	1.39		
67	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	4.60		
68	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	143.60		
69	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	1.44		
		Total Earthworks works Including salary				
		<i>Total</i>	USD			

1	2	3	4	5	6	7
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Medium pressure gas pipeline				
70	GE02B	Pressure regulator (domestic use), assembled in parallel, for the nominal debit of: - 100 m3/h	piece	2.00		
		Total Medium pressure gas pipeline Including salary				
		2.2. Low pressure gas pipeline				
71	IA44A	Volumetric gas meter of 50 or 100 m3/h mounted directly with flanges of 80 mm	piece	1.00		
72	IA52A	Metallic box for protection of the gas meter	piece	1.00		
		Total Low pressure gas pipeline Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. Medium pressure gas pipeline				
73	Supplier price	Pressure regulator РДНК-400(2)	piece	1.00		
		Total Medium pressure gas pipeline Including salary				
		3.2. Low pressure gas pipeline				
74	Supplier price	Gas meter BK-G40T	piece	1.00		
75	Supplier price	Metallic flange for the meter BK- G40T	piece	1.00		
		Total Low pressure gas pipeline Including salary				

1	2	3	4	5	6	7
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-6

Construction of the cable telephone network: Palanca Village - Palanca Customs Point. Phase 2 (04/2015-0-TSE.2 (01 -07))

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	10-06-048-07	Laying the optic-fiber cables FO-24 in sewerage: in duct through busy channel	100 m	0.06		
2	10-06-027-09	Laying the cable in the collector: console in collector - with 2 places	piece	6.00		
3	Supplier price	Optic-fiber cable FO-24	m.l.	56.00		
4	10-06-034-05	Different works: Box for OPTIC cables ODF-24	piece	2.00		
5	10-06-055-06	Assembling the device for combining the central and linear cables ("YCCJK"): installing, assembling the “YCCJK”, taking record of the measurements made during the process of laying the RTU optic-fibre cable, number of fibers: 24	set	2.00		
6	10-06-054-06	Measuring on the assembled sector the RTU optic-fiber cable of one single direction, number of fibers: 24	1 field	2.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	0%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		Total estimate:				

1	2	3	4	5	6	7
		Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-7
Low current system. Phase 1 (04/2015-0-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	5.01		
2	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.	100 m3	0.76		
3	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	125.40		
4	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.76		
5	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	30.00		
6	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	531.00		
7	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	6.50		
8	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	6.90		
9	Supplier price	Sand for territory planning	m3	71.00		
10	08-02-143-	Covering the cable, placed in the	100 m	6.50		

1	2	3	4	5	6	7
	1	ditch: with bricks, one single cable				
11	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	6.90		
12	Supplier price	Construction bricks 250x120x65 mm	piece	2 440,00		
13	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	20.00		
14	34-02-003-1	Executing the pipe line from polyethylene pipes D=110 mm	1 km	0.65		
15	Supplier price	Sealing adaptor for the pipes D=110 mm	piece	28.00		
16	34-02-003-1	Executing the pipe line from polyethylene pipes D=32 mm	1 km	0.39		
17	Supplier price	Sealing adaptor for the pipes D=32 mm	piece	28.00		
18	34-02-003-1	Executing the pipe line from polyethylene pipes D=25 mm	1 km	0.30		
19	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	24.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
20	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	4.00		
21	Supplier price	Cable UTP5e 4x2x0.5 (outdoor cable)	m.l.	400.00		
22	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm ²	100 m	9.30		
23	Supplier price	Cable BBГHT(A)-FRHF 3x1.5 mm ²	m.l.	200.00		
24	Supplier price	Shielded cable 6x0.5 mm ²	m.l.	730.00		
25	10-06-048-06	Laying the optic-fiber cables FO-12 in sewerage: in duct through free channel	100 m	36.00		

1	2	3	4	5	6	7
26	Supplier price	Optic-fiber cable FO-12	m.l.	3 600,00		
27	SE54A	Plastic buffer collector with capacity of 250 l (sewerage well of type KKTM-2) Small materials (hemp tows, lead minium primer, etc.) = 1.020	piece	13.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
28	Supplier price	Plastic sewerage well 600x600x620(h) mm of type KKTM-2	piece	13.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-9
Video control. Phase 1 (04/2015-0-CV)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	387.00		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	309.60		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	8.60		
4	Supplier price	Sand for territory planning	m3	77.40		
5	Supplier price	Construction bricks 250x120x65 mm	piece	360.00		
6	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	9.50		
7	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	90.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works				

1	2	3	4	5	6	7
		Including salary				
		2. Mounting works				
8	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2	100 m			
9	Supplier price	Cable F-U/UTP6e 4x2x0.5	m.l.			
10	08-02-411-1	Metallic hose, exterior diameter up to 48 mm	100 m			
11	Supplier price	Metallic hose d20	m.l.			
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 6-11
Access Control System. Phase 1 (04/2015-0-SCA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Semaphore indication system				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	1.40		
2	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.	100 m3	0.36		
3	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	59.40		
4	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.36		
5	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	5.00		
6	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	145.44		
7	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	4.04		
8	Supplier price	Sand for territory planning	m3	36.00		

1	2	3	4	5	6	7
9	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	4.04		
10	Supplier price	Construction bricks 250x120x65 mm	piece	670.00		
11	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 20 mm	m	405.00		
12	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground (foundation under the semaphore pl.20)	m3	3.00		
13	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg (anchor) Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	93.20		
14	CL57B	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 10 kg (embedded piece) Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	214.40		
15	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	3.00		
16	MsCC16	Semaphore pillar mounted on the foundation	piece	10.00		
		Total Semaphore indication system Including salary				
		1.2. Access control and forced stop system				
17	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.70		
18	TsC03F1	Mechanic digging with excavator of 0,40-0,70 m3, with internal	100 m3	0.18		

1	2	3	4	5	6	7
		combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II.				
19	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	29.70		
20	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.18		
21	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	2.00		
22	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	72.00		
23	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	2.00		
24	Supplier price	Sand for territory planning	m3	18.00		
25	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	2.00		
26	Supplier price	Construction bricks 250x120x65 mm	piece	60.00		
27	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 20 mm	m	200.00		
28	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground (foundation under the semaphore pl.20)	m3	5.40		
29	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg (anchor) Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	167.76		
30	CL57B	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 10 kg (embedded piece) Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	385.92		
31	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under	m3	5.40		

1	2	3	4	5	6	7
		zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015				
		Total Access control and forced stop system Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Semaphore indication system				
32	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2	100 m	1.80		
33	Supplier price	Cable UTP5e 4x2x0.5	m.l.	180.00		
34	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm2	100 m	8.60		
35	Supplier price	Shielded cable KCBBr(A)-LS 6x0.5 mm2	m.l.	860.00		
		Total Semaphore indication system Including salary				
		2.2. Access control and forced stop system				
36	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	0.10		
37	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	10.00		
38	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2	100 m	0.10		

1	2	3	4	5	6	7
39	Supplier price	Cable UTP5e 4x2x0.5	m.l.	10.00		
40	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm2	100 m	13.00		
41	Supplier price	Shielded cable KCBБНГ(A)-LS 6x0.5 mm2	m.l.	220.00		
42	Supplier price	Cable ББГНГ(A)-FRHF 3x1.5 mm2	m.l.	1 080,00		
43	20-01-054-01	Installing the devices to stop forcedly the vehicles	piece	8.00		
44	MsCF25A	Testing the electronic equipment controlling the electrical triggers: constructive modules (box, drawers, cables, testers), not connected to the process ((number of boxes + number of drawers + number of cables + number of testers) x n hours)	piece	2.00		
		Total Access control and forced stop system Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. System to stop forcedly the vehicles				
45	Supplier price	Devices to stop forcedly the vehicles with control board, with the dimensions 3000x1500x108 mm, Q=40t, Hprotectie=480 mm, of type CKAT	set	4.00		
46	Supplier price	Devices to stop forcedly the vehicles with control board, with the dimensions 4000x1500x108 mm, Q=40t, Hprotectie=480 mm, of type CKAT	set	4.00		
		Total System to stop forcedly the vehicles Including salary				
		<i>Total</i>	USD			

1	2	3	4	5	6	7
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 7-1
Territory arrangement. Phase 2 (04/2015-0-PG)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Concrete road carpet				
1	TsE06B	Preparing the ground platform for placing one insulating layer or a layer of sand or ballast, by manual leveling and compacting with the self-propelled static roller compressor, 10-12 t, in cohesive soil	100 m2	155.95		
2	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively	m2	230.80		
3	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	577.00		
4	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage	m3	3 119,00		
5	DA15A	Cement concrete foundation C6/7.5(B7.5/M100), 10 cm thickness, for pavements, bike lines and lines for pedestrians, executed directly on a prior prepared bedding	m2	15 595,00		
6	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with	m3	467.85		

1	2	3	4	5	6	7
		black sand-based manual coverage GOST 11965-93				
7	DA20A	Equipping the foundations and the road carpet by using road concrete 16 cm thick. * Note: concrete BCR 3.5 Small materials (planking) = 1.015	1000 m2	15.595		
8	DA20A1 k=6	Corrections: for every subsequent 1 cm of thickness, shall be added or subtracted according to the standard DA20A Small materials (planking) = 6.090 Labor coefficient = 6.000 Machinery coefficient = 6.000	1000 m2	15.595		
9	DC07A	Maintaining the foundation or the road carpet from vibro-cylinder concrete by laying a layer of sand and by splashing water	1000 m2	15.595		
		Total Concrete road carpet Including salary				
		2. Pavement				
		2.1. Type 1				
10	TsE06B	Preparing the ground platform for placing one insulating layer or a layer of sand or ballast, by manual leveling and compacting with the self-propelled static roller compressor, 10-12 t, in cohesive soil	100 m2	3.90		
11	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively	m2	127.20		
12	DE10C	Pre-manufactured concrete borders, for pavements 20x10 cm, on concrete foundation C12/15 30x15 cm	m	318.00		
13	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage	m3	58.50		
14	DA06A1	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with manual coverage of limestone gravel M400 fr. 20-40 mm	m3	39.00		
15	DE17A	Pavement made of precast concrete paving slabs of 50 mm	m2	390.00		

1	2	3	4	5	6	7
		thick, colored, laid on a layer of dry cement and sand mixture in the proportion 1: 3 , embroidered with dry mixture of cement and sand , 5 cm thick layer				
		Total Type 1 Including salary				
		2.2. Type 2				
16	TsE06B	Preparing the ground platform for placing one insulating layer or a layer of sand or ballast, by manual leveling and compacting with the self-propelled static roller compressor, 10-12 t, in cohesive soil	100 m2	6.15		
17	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage	m3	92.25		
18	DA06A1	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with manual coverage of limestone gravel M400 fr. 20-40 mm	m3	61.50		
19	DE17A	Pavement made of precast concrete paving slabs of 80 mm thick, colored, laid on a layer of dry cement and sand mixture in the proportion 1: 3 , embroidered with dry mixture of cement and sand , 5 cm thick layer	m2	615.00		
20	DE10C	Pre-manufactured concrete borders, for pavements 20x10 cm, on concrete foundation C12/15 30x15 cm	m	16.00		
		Total Type 2 Including salary				
		Total Pavement Including salary				
		3. Green spaces				
21	TsH04A	Manual mobilization of the soil, so as to ensure the connection with the vegetal layer, levelling and finishing the areas after the soil mobilization, middle ground, depth of 10 cm	m2	1 070,00		
22	TsH09A	Seeding the lawn on horizontal areas and fields with a slope under 30%	100 m2	10.70		

1	2	3	4	5	6	7
23	TsH12A	Watering the areas with the hose from the hydrants	100 m2	10.70		
24	TsH238E	Manual digging of holes to plan trees and shrubs in unfrozen soil, depth 0.4 - 0.7 m: - medium soil	piece	81.00		
25	TsH110A	Planting trees in read-dug holes: Acacia	piece	41.00		
26	TsH25A	Transplanting with soil bales, executed manually, for shrub, Juniperus	piece	30.00		
27	TsH25A	Transplanting with soil bales, executed manually, for shrub, Forsythia	piece	10.00		
		Total Green spaces Including salary				
		4. Small architectural forms				
28	TsH91A	Installing benches on 2 legs	piece	3.00		
29	TsH91B	Installing dump boxes	piece	11.00		
30	CP13A	Assembling the triforia pre-manufactured from reinforced concrete with an area up to 0.5 m2 inclusively, plastering with stone dust. Concrete flowerbed for flowers	piece	12.00		
		Total Small architectural forms Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

**LOCAL ESTIMATE No 7-2
Rain water networks (D1-D6 (04/2015-0-CBA))**

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	1.97		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	13.30		
3	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m3	0.83		
4	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	136.95		
5	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.83		
6	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	210.30		
7	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering	100 m3	2.10		

1	2	3	4	5	6	7
		of every layer separately, the earth fillings being executed from cohesive soil				
		Total Earthworks works Including salary				
		2. Constructions of reinforced concrete				
8	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalizations, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	13.30		
9	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	276.32		
10	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	70.56		
11	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	5 041,44		
12	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	91.60		
13	CA03G	Reinforced concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, concrete poured with classical means, reinforced concrete class C20/25 (M350) F50 Small materials (resinous cases, nails, clamps) = 1.015	m3	4.30		
14	CA03G	Reinforced concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, concrete poured with classical means, reinforced concrete class C16/20 (M250) W6 Small materials (resinous cases, nails, clamps) = 1.015	m3	42.00		
15	IzF01A	Priming the surface for applying diffusion layer, a barrier against	m2	176.52		

1	2	3	4	5	6	7
		vapora, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers				
16	IzF50A	Hydro-insulation performed with cement mortar with liquid glass at foundations and walls, applied on horizontal surfaces	m2	170.72		
17	AcE06A	Assembling the grills with cast iron frame at the water drainage points MC 4-15-32 with dimensions 430x688x120 mm Small materials (water, cement, levels, etc.) = 1.020	piece	270.00		
		Total Constructions of reinforced concrete Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

**LOCAL ESTIMATE No 7-3
Fencing of the territory (04/2015-0-SAC)**

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
1	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m ³	1.80		
2	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	297.00		
3	TsC51B	Works for unloading the soil in the storage, field category II	100 m ³	1.80		
4	TsC54C	Foundation layer of gravel fr. 20-40 mm	m ³	19.88		
5	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m ²	476.00		
6	CA03F	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - level walls, poured with classical means, simple concrete class C6/7.5(M100) F50 Small materials (resinous cases, nails, clamps) = 1.015	m ³	189.60		
7	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	789.60		

1	2	3	4	5	6	7
8	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	2 017,12		
9	CE40A	Installing the frame beams elements (bars) with antiseptic treatment (dilation joint)	m3	0.35		
10	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) F50 Small materials (resinous cases, nails, clamps) = 1.015	m3	55.70		
11	CO07A1	Steel metal fencing form profiling steel, ordinary model, assembling the ready-made board from fence pillar of type Optima and fence boards of type Protecto d=4.0 mm galvanized, with elements to be bound to the pillars and with covers for the pillars	kg	9 021,00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 2-1

Administrative building (04/2015 - 4)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-1

Architectural-constructive solutions (04/2015-4-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Closings and compartments				
1	IzF50A	Hydro-insulation performed with cement mortar with liquid glass at foundations and walls, applied on horizontal surfaces	m2	24.20		
2	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	15.85		
3	CD71A	Building the external and internal walls from aerated concrete D=600 kg/m3 without plating on adhesive: for the height of the floor up to 4m	m3	111.90		
4	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, thickness 20 mm, in one layer (slot for dislocation between the concrete and masonry) Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	82.30		
5	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	14.30		
6	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m	m2	19.30		

1	2	3	4	5	6	7
		high inclusively, supporters being excluded				
7	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	piece	30.00		
8	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	115.40		
9	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	1.20		
10	CK22C	French windows of aluminum profiles in buildings with heights up to 35 m of fixed panels and door plates (separating walls in sanitary rooms, system ALT-118 "Alutech")	m2	36.40		
11	CD72D	Separating walls from PGC with thickness of 100-150 mm on the simple metallic carcass of UW75 and CW75 profiles with the loop of 600x600 mm, including the mounting of UA75 profiles in hollow framework the with PGC plates of 12.5 mm thickness, from two layers on both sides with insulation with mineral wool of density of 40 kg/m3, with the height up to 4 m Small materials (water, cloth, etc.) = 1.005	m2	231.00		
12	CF59E	Coating the surfaces with a layer of water-resistant plasterboards 12.5 mm thick, executing the simple plain metallic carcass with CW50 and UW50 profiles, with the height up to 4 m: sills (coating the communications) Small materials (water, sanding paper, etc.) = 1.005	m2	168.80		
13	CK22C	French windows of aluminum profiles of saving type in buildings with heights up to 35 m of fixed panels and door plates	m2	58.46		

1	2	3	4	5	6	7
		(see fragment 1, board 30)				
		Total Closings and compartments Including salary				
		2. Internal finishing works				
		2.1. Finishing the walls				
		2.1.1. Level 0,000				
14	CN53A	Coating the internal surfaces of the walls and ceilings	m2	1 559,60		
15	CF02B	Interior coating of 2 cm thickness, levelled, executed manually, on the walls or columns, on plain surfaces, with cement-lime mortar M 100-T brand, for sprit, ground and visible layer, on brick masonry or small blocks of concrete	m2	1 180,10		
16	CF50B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar.	m2	861.00		
17	CF51B k=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar. The plus or minus difference for every 1.0 mm (is added or extracted for art. CF50) Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-861.00		
18	CF17C	Miscellaneous - fleece layer of fiberglass applied to the surface of pre-manufactured elements from autoclaved aerated concrete, bonded with glue, including the primer layer	m2	379.50		
19	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	1 252,40		
20	CN53A	Coating the internal surfaces of the walls and ceilings	m2	1 252,40		
21	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	1 252,40		
22	CN53A	Coating the internal surfaces of the walls and ceilings	m2	312.50		
23	CI06C	Plywood glass glazed, unglazed,	m2	312.50		

1	2	3	4	5	6	7
		matte or glossy tiles of the same color and form with dimensions of 15 x 15 cm to 30 x 30, executed on flat surfaces of walls and pillars , including sills and edges , with alternating joints, in premises with an area exceeding 10 m2, fixed with adhesive for installation of plywood				
		Total Level 0,000 Including salary				
		2.1.2. Level 3,630				
24	CN53A	Coating the internal surfaces of the walls and ceilings	m2	1 465,70		
25	CF02B	Interior coating of 2 cm thickness, levelled, executed manually, on the walls or columns, on plain surfaces, with cement-lime mortar M 100-T brand, for sprit, ground and visible layer, on brick masonry or small blocks of concrete	m2	1 065,90		
26	CF05A	Interior plastering of 3 cm thickness, executed on mesh VR-1 d5 with loops 100x100 mm, leveled, on walls and slits with lime-cement brand M 100 -T for HRMS, lime-cement mortar brand M 50-T for primer and mortar of lime-cement M 10-T for the visible layer, executed manually on flat surfaces , including the installation of steel coat and braided wire applied on the walls	m2	54.10		
27	CF50B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar.	m2	1 389,00		
28	CF51B k=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar. The plus or minus difference for every 1.0 mm (is added or extracted for art. CF50) Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-1 389,00		
29	CF17C	Miscellaneous - fleece layer of fiberglass applied to the surface of pre-manufactured elements from autoclaved aerated concrete,	m2	345.70		

1	2	3	4	5	6	7
		bonded with glue, including the primer layer				
30	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	1 389,00		
31	CN53A	Coating the internal surfaces of the walls and ceilings	m2	1 389,00		
32	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	1 389,00		
33	CN53A	Coating the internal surfaces of the walls and ceilings	m2	87.20		
34	CI06C	Plywood glass glazed, unglazed, matte or glossy tiles of the same color and form with dimensions of 15 x 15 cm to 30 x 30, executed on flat surfaces of walls and pillars , including sills and edges , with alternating joints, in premises with an area exceeding 10 m2, fixed with adhesive for installation of plywood	m2	87.20		
		Total Level 3,630 Including salary				
		2.1.3. Level 7,130				
35	CN53A	Coating the internal surfaces of the walls and ceilings	m2	687.60		
36	CF02B	Interior coating of 2 cm thickness, levelled, executed manually, on the walls or columns, on plain surfaces, with cement-lime mortar M 100-T brand, for sprit, ground and visible layer, on brick masonry or small blocks of concrete	m2	495.40		
37	CF50B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar.	m2	664.80		
38	CF51B k=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar. The plus or minus difference for every 1.0 mm (is added or extracted for art. CF50) Labor efforts coefficient = 2.000 Materials coefficient = 2.000	m2	-664.80		

1	2	3	4	5	6	7
		Machinery coefficient = 2.000				
39	CF17C	Miscellaneous - fleece layer of fiberglass applied to the surface of pre-manufactured elements from autoclaved aerated concrete, bonded with glue, including the primer layer	m2	192.20		
40	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	664.80		
41	CN53A	Coating the internal surfaces of the walls and ceilings	m2	664.80		
42	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	664.80		
43	CN53A	Coating the internal surfaces of the walls and ceilings	m2	11.00		
44	CI06C	Plywood glass glazed, unglazed, matte or glossy tiles of the same color and form with dimensions of 15 x 15 cm to 30 x 30, executed on flat surfaces of walls and pillars , including sills and edges , with alternating joints, in premises with an area exceeding 10 m2, fixed with adhesive for installation of plywood	m2	11.00		
		Total Level 7,130 Including salary				
		2.1.4. Railings				
45	CH06B	Stainless steel railing h=1000 mm, fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight	m	73.70		
46	CH06B	Stainless steel railing h=500 mm, fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight	m	6.00		
		Total Railings Including salary				
		Total Finishing works Including salary				
		2.2. Finishing the ceiling				
		2.2.1. Level 0,000				
47	CN53A	Coating the internal surfaces of the walls and ceilings	m2	31.60		
48	CF52B	Interior coating of 5 mm	m2	31.60		

1	2	3	4	5	6	7
		thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar				
49	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	31.60		
50	CN53A	Coating the internal surfaces of the walls and ceilings	m2	31.60		
51	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	31.60		
52	CF59B	Coating the surfaces with a layer of water-resistant plasterboards 12.5 mm thick, executing the simple plain metallic carcass with profiles h=50 mm, with the height up to 4 m: ceilings without insulation Small materials (water, sanding paper, etc.) = 1.005	m2	126.60		
53	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	126.60		
54	CN53A	Coating the internal surfaces of the walls and ceilings	m2	126.60		
55	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	126.60		
56	CK52B	Suspended ceilings from plates, assembled on the metallic carcass "Armstrong" using the suspension method with bracelets and sterns, in rooms with height up to 4 m. Plates of Oasis type	m2	402.00		
		Total Level 0,000 Including salary				
		2.2.2. Level 3,630				
57	CN53A	Coating the internal surfaces of the walls and ceilings	m2	123.80		
58	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	123.80		
59	CF57A	Manual application of the gypsum-based putty "Eurofin"	m2	123.80		

1	2	3	4	5	6	7
		thickness 1,0 mm on the ceiling, walls and columns' areas.				
60	CN53A	Coating the internal surfaces of the walls and ceilings	m2	123.80		
61	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	123.80		
62	CF59B	Coating the surfaces with a layer of water-resistant plasterboards 12.5 mm thick, executing the simple plain metallic carcass with profiles h=50 mm, with the height up to 4 m: ceilings without insulation Small materials (water, sanding paper, etc.) = 1.005	m2	35.20		
63	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	35.20		
64	CN53A	Coating the internal surfaces of the walls and ceilings	m2	35.20		
65	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	35.20		
66	CK52B	Suspended ceilings from plates, assembled on the metallic carcass "Armstrong" using the suspension method with bracelets and stems, in rooms with height up to 4 m. Plates of Oasis type	m2	396.80		
		Total Level 3,630 Including salary				
		2.2.3. Level 7,130				
67	CN53A	Coating the internal surfaces of the walls and ceilings	m2	49.00		
68	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	49.00		
69	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	49.00		
70	CN53A	Coating the internal surfaces of the walls and ceilings	m2	49.00		
71	CN06A	Interior painting with paints based on vinyl copolymers in water	m2	49.00		

1	2	3	4	5	6	7
		emulsion, applied in 2 layers on the existing fillings, executed manually.				
72	CF59B	Coating the surfaces with a layer of water-resistant plasterboards 12.5 mm thick, executing the simple plain metallic carcass with profiles h=50 mm, with the height up to 4 m: ceilings without insulation Small materials (water, sanding paper, etc.) = 1.005	m2	5.00		
73	CF57A	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas.	m2	5.00		
74	CN53A	Coating the internal surfaces of the walls and ceilings	m2	5.00		
75	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	5.00		
76	CK52B	Suspended ceilings from plates, assembled on the metallic carcass "Armstrong" using the suspension method with bracelets and stems, in rooms with height up to 4 m. Plates of Oasis type	m2	185.00		
		Total Level 7,130 Including salary				
		Total Finishing the ceiling Including salary				
		2.3. Finishing the flooring				
		2.3.1. Level 0,000				
		2.3.1.1. type 1				
77	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	21.88		
78	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	0.875		
79	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	87.50		
80	CG01A	Supporting layer for flooring	m2	87.50		

1	2	3	4	5	6	7
		executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face				
81	CN53A	Coating the internal surfaces of the walls and ceilings	m2	87.50		
82	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	87.50		
		Total type 1 Including salary				
		2.3.1.2. type 2				
83	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	51.48		
84	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	2.059		
85	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	205.90		
86	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm	m2	205.90		
87	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	205.90		
88	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	205.90		
89	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	205.90		
90	CN53A	Coating the internal surfaces of the walls and ceilings	m2	205.90		
91	CG50A	Executing the flooring from ceramic granite fixed on adhesive: size of plates under 40x40 cm	m2	205.90		

1	2	3	4	5	6	7
		Total type 2 Including salary				
		2.3.1.3. type 3				
92	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	11.88		
93	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	0.475		
94	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	47.50		
95	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	57.00		
96	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	57.00		
97	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	47.50		
98	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	47.50		
99	CN53A	Coating the internal surfaces of the walls and ceilings	m2	47.50		
100	CG47C	Ceramic tile floors with roughness, class 3 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	47.50		

1	2	3	4	5	6	7
		Total Type 3 Including salary				
		2.3.1.4. type 4				
101	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	17.55		
102	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	0.702		
103	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	70.20		
104	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	70.20		
105	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-70.20		
106	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm	m2	70.20		
107	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	70.20		
108	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	70.20		
109	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	70.20		
110	CG49A	Executing the flooring from linoleum resistant to wear and tear, on thermal-insulating support, 4 mm thick Small materials (cloth) = 1.005	m2	70.20		

1	2	3	4	5	6	7
		Total Type 4 Including salary				
		2.3.1.5. type 5				
111	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	37.28		
112	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	1.491		
113	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	149.10		
114	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	149.10		
115	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-149.10		
116	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm	m2	149.10		
117	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	149.10		
118	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	149.10		
119	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	149.10		
120	CG36A	Laminate floor slabs of class 32, thickness 12 mm, mounted on dry layer, placing the synthetic layer	m2	149.10		

1	2	3	4	5	6	7
		on existing support, including wood plinths and cleaning, in premises wider than 16 m2 Small materials (nails) = 1.010				
		Total Type 5 Including salary				
		Total Level 0,000 Including salary				
		2.3.2. Level 3,630				
		2.3.2.1. Type 6				
121	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	264.70		
122	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	264.70		
123	IzF52A1 k=2	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-264.70		
124	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	264.70		
125	CN53A	Coating the internal surfaces of the walls and ceilings	m2	264.70		
126	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	264.70		
		Total Type 6 Including salary				
		2.3.2.2. Type 7				
127	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	22.00		
128	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	22.00		
129	IzF52A1 k=0.5	Corrections: when changing the	m2	-22.00		

1	2	3	4	5	6	7
		thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 0.500 Materials coefficient = 0.500 Machinery coefficient = 0.500				
130	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	22.00		
131	CG49A	Executing the flooring from linoleum resistant to wear and tear, on thermal-insulating support, 4 mm thick Small materials (cloth) = 1.005	m2	22.00		
		Total Type 7 Including salary				
		2.3.2.3. Type 8				
132	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	23.00		
133	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	23.00		
134	IzF52A1 k=6	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor coefficient = 6.000 Materials coefficient = 6.000 Machinery coefficient = 6.000	m2	-23.00		
135	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	23.00		
136	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-23.00		
137	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	26.45		

1	2	3	4	5	6	7
138	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	26.45		
139	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	23.00		
140	CN53A	Coating the internal surfaces of the walls and ceilings	m2	23.00		
141	CG47C	Ceramic tile floors with roughness, class 3 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	23.00		
		Total Type 8 Including salary				
		2.3.2.4. Type 9				
142	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	179.50		
143	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	179.50		
144	IzF52A1 k=2	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-179.50		
145	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	179.50		
146	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	179.50		
147	CG56A	Blanket from self-levelling mixture "Nivelir": thickness 10mm Small materials (expanded polystyrene for deformation joints, cloth, controls) = 1.005	m2	179.50		
148	CG56A1 k=4	Correction for the standard CG56A: it is subtracted for thickness of 1 mm Small materials (expanded polystyrene	m2	-179.50		

1	2	3	4	5	6	7
		for deformation joints, cloth, controls) = 4.020 Labor efforts coefficient = 4.000 Machinery coefficient = 4.000				
149	CG36A	Laminate floor slabs of class 32, thickness 12 mm, mounted on dry layer, placing the synthetic layer on existing support, including wood plinths and cleaning, in premises wider than 16 m2 Small materials (nails) = 1.010	m2	179.50		
		Total Type 9 Including salary				
		2.3.2.5. Type 10				
150	CG45C	Demountable over-high flooring with module of 600 x 600 mm with the height 80-450 mm: with standardized construction pillars	m2	40.20		
		Total Type 10 Including salary				
		Total Level 3,630 Including salary				
		2.3.3. Level 7,130				
		2.3.3.1. Type 6				
151	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	32.00		
152	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	32.00		
153	IzF52A1 k=2	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-32.00		
154	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	32.00		
155	CN53A	Coating the internal surfaces of the walls and ceilings	m2	32.00		
156	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	32.00		

1	2	3	4	5	6	7
		Total Type 6 Including salary				
		2.3.3.2. Type 7				
157	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	129.30		
158	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	129.30		
159	IzF52A1 k=0.5	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 0.500 Materials coefficient = 0.500 Machinery coefficient = 0.500	m2	-129.30		
160	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	129.30		
161	CG49A	Executing the flooring from linoleum resistant to wear and tear, on thermal-insulating support, 4 mm thick Small materials (cloth) = 1.005	m2	129.30		
		Total Type 7 Including salary				
		2.3.3.3. Type 8				
162	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	27.60		
163	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	27.60		
164	IzF52A1 k=6	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor coefficient = 6.000 Materials coefficient = 6.000 Machinery coefficient = 6.000	m2	-27.60		
165	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	27.60		
166	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M	m2	-27.60		

1	2	3	4	5	6	7
		150 of 3 cm thickness with delicately smoothed face. The difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000				
167	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	31.70		
168	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	31.70		
169	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	27.60		
170	CN53A	Coating the internal surfaces of the walls and ceilings	m2	27.60		
171	CG47C	Ceramic tile floors with roughness, class 3 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	27.60		
		Total Type 8 Including salary				
		2.3.3.4. Type 9				
172	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	23.60		
173	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	23.60		
174	IzF52A1 k=2	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, subtracting Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-23.60		
175	CE17A	Additional layer of polyethylene film th. 100mk	m2	23.60		

1	2	3	4	5	6	7
		Small material = 1.030				
176	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	23.60		
177	CG56A	Blanket from self-levelling mixture "Nivelir": thickness 10mm Small materials (expanded polystyrene for deformation joints, cloth, controls) = 1.005	m2	23.60		
178	CG56A1 k=4	Correction for the standard CG56A: it is subtracted for thickness of 1 mm Small materials (expanded polystyrene for deformation joints, cloth, controls) = 4.020 Labor efforts coefficient = 4.000 Machinery coefficient = 4.000	m2	-23.60		
179	CG36A	Laminate floor slabs of class 32, thickness 12 mm, mounted on dry layer, placing the synthetic layer on existing support, including wood plinths and cleaning, in premises wider than 16 m2 Small materials (nails) = 1.010	m2	23.60		
		Total Type 9 Including salary				
		Total Level 7,130 Including salary				
		2.3.4. Plinths				
180	CN53A	Coating the internal surfaces of the walls and ceilings	m2	43.83		
181	CI14A	Linear elements of stoneware plates, resistance class 4, applied with adhesive H=150 mm Small materials (water, cloth, etc.) = 1.050	m	227.80		
182	CI14A	Linear elements of stoneware plates, resistance class 3, applied with adhesive H=150 mm Small materials (water, cloth, etc.) = 1.050	m	64.40		
		Total Plinths Including salary				
		2.3.5. Rebate Pg1, Pg2				
183	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	1.37		
184	CA04F	Concrete poured in plates, beams,	m3	0.48		

1	2	3	4	5	6	7
		columns, concrete C12/15(M200) and poured with classical means (Rebate Pg1, Pr2) Small materials (resinous cases, nails, clamps) = 1.030				
		Total Rebate Pg1, Pg2 Including salary				
		2.3.6. Coating the stairs				
185	CI24A	Plating the steps with ceramic-granite tiles, bonded with glue, with thickness under 15 mm	m2	68.00		
186	CK18C	Assembling the sticks to the stainless steel stairs	m	103.20		
187	CI14A	Linear elements of ceramic granite plates, resistance class 4, applied with adhesive H=150 mm Small materials (water, cloth, etc.) = 1.050	m	305.60		
		Total Coating the stairs Including salary				
		Total Finishing the flooring Including salary				
		Total Internal finishing works Including salary				
		3. Carpentry				
188	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-1) RAL 5010	m2	52.90		
189	CK23A	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing up to 1.00 sq.m. inclusively (F2) RAL 5010	m2	13.44		
190	CK23B	Plastic windows of 3 rooms, with one construction leave, with ordinary glazing 4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-3) RAL 5010	m2	5.12		
191	CK19B	Aluminum windows with thermal arch, with more leafs in constructions, double glazing LOW-E 4-24-4, having an area of the casement between 3.00 and 6,00 m2, inclusively (F4.1, F4.2) RAL5010	m2	14.76		

1	2	3	4	5	6	7
192	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-1) RAL 5010	m2	21.90		
193	CL56B	Assembling the aluminum molded glass with thermal arch from profiles, with facade system MB-SR50HI and MB-SR50IW with double-glazed windows LOW-W 4-24-4 mm, RAL5010, RAL7024: with glass composite coffer, filling in the joints hermetically (V1-V6) Small materials (cloth, rivet) = 1.005	m2	223.16		
194	CK21A	Doors made of aluminum profiles with thermal arch, with double-glazed window LOW-E 4-24-4 mm, including the casement and the necessary accessories for assembling doors, in one wing, with the surface of the case up to 7 m2 inclusively (U2-U5) RAL5010, RAL7024	m2	24.60		
195	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4-24-4 mm, including the casement and the necessary accessories for assembling doors, in one wing, (door handle, lock) (U-17) RAL5010	m2	3.15		
196	CK27C	French windows of plastic profiles, with 3 rooms, ordinary window 5 mm, in constructions with heights up to 35 m of fixed panels and door plates (U18s)	m2	5.25		
197	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U9, U19s)	m2	3.57		
198	CK03A	Interior doors from MDF, in one leaf, with smooth surface, including thermal insulation and waterproof of the casement, assembled on the existing dowels of the constructions with height up to 35 m (U6, U7)	m2	105.63		
199	CK33C	Yalle system applied lock	piece	58.00		
200	CK12A	Metallic thermal-insulated doors manufactured from rolled iron	m2	3.78		

1	2	3	4	5	6	7
		profiles of ZK Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U8)				
201	CK22C	French windows of aluminum profiles of saving type, with unitary window 5mm, in buildings with heights up to 35 m of fixed panels and door plates (U10-U12)	m2	57.48		
202	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles for the detention premises with special regime, including the observation window 100x100 mm, with special lock for special regime, from steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U13)	m2	1.89		
203	CL17B	Various metal garments, mounted visibly: rail, grids, manhole covers, snow stops, grills	kg	109.70		
204	CN21B	Painting the balustrades, metal grilles and fences executed with alkyd enamel in one layer including the primer	m2	4.04		
205	CK33C	Yale system applied lock for the detention premises	piece	1.00		
206	CK56A	Installing the elements of protection against fire: full metal doors, in one leaf (U15)	m2	9.45		
207	CK33A	Automated device for closing the doors	piece	15.00		
208	CK26C	Sills assembled on plastic windows	m	130.30		
209	CK26B	Sills assembled at the windows from aluminum	m	130.30		
		Total Carpentry Including salary				
		4. Roof				
		4.1. Type 1				
210	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (balustrade)	m2	193.00		
211	CE17A	Additional layer of polyethylene film th. 100mk	m2	250.00		

1	2	3	4	5	6	7
		Small material = 1.030				
212	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, density 300 kg/m ³ , thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m ²	250.00		
213	IzF18C	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M150 brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 3 cm	m ²	250.00		
214	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m ²	443.00		
215	CE13A2	Covers for the roofs with modified bitumen membranes Tehnoelast EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m ²	443.00		
216	CO18A f	Mounting the aerators on the roof	piece	10.00		
217	IzF53A k=2	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m ³ , thickness 50 mm, in 2 layers Small materials (metal bars D= 6-8 mm, length 400 mm) = 2.030 Labor efforts coefficient = 2.000 Machinery coefficient = 2.000	m ²	250.00		
218	IzF04L	Waterproofing layer with hydrobrite, 2 mm thick, in one layer on horizontal surfaces, density not less than 300gr / m ²	m ²	250.00		
219	IzF19D k=2	Layer for protecting the waterproofing coating on roofs made of gravel 5-10 mm, laid on one layer 8 cm thick, on horizontal or inclined surfaces up to 7% Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m ²	250.00		
220	DE18A	Pavement made of precast	m ²	20.00		

1	2	3	4	5	6	7
		concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embroidered with dry mixture of cement and sand, 5 cm thick layer				
221	SB26A	Drainage openings (receiver) with protection mesh from stainless steel, for discharging the water from the terrace and roofs, according to the tackle SA-25 Small materials (cement, sand, water, etc.) = 1.040	piece	4.00		
222	IzF08E	Hydro-insulation of the drainage openings for the roofs	piece	4.00		
223	CE24H	Reduction for connecting the drainage opening from 0.5 mm thick anti-corrosive protected galvanized board, made on the site, of rectangular form with section 20 x 20 cm x D = 180 mm Small materials (coal, hard water) = 1.030	piece	4.00		
		Total type 1 Including salary				
		4.2. Type 2				
224	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (balustrade)	m2	193.00		
225	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	277.00		
226	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, density 300 kg/m3, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	277.00		
227	IzF18C	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M150 brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 3 cm	m2	277.00		
228	CP21C	Introducing in the work the mortar	m	162.50		

1	2	3	4	5	6	7
		M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, caulking the horizontal joints between the wall panels and floor panels or the vertical joints between the wall panels				
229	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	332.00		
230	CE13A2	Covers for the roofs with modified bitumen membranes Tehnoelast EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	332.00		
231	CE13A	Covers for the roofs with modified bitumen membranes Tehnoelast EPP bonded with flame in mono-layer system, on horizontal surface mounted on continuous support (additional layer) Small material = 1.050	m2	162.50		
232	CO18A f	Mounting the aerators on the roof	piece	12.00		
233	IzF53A k=2	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 50 mm, in 2 layers Small materials (metal bars D= 6-8 mm, length 400 mm) = 2.030 Labor efforts coefficient = 2.000 Machinery coefficient = 2.000	m2	277.00		
234	IzF04L	Waterproofing layer with hydrobrite, 2 mm thick, in one layer on horizontal surfaces, density not less than 300gr / m2	m2	277.00		
235	IzF19D k=2	Layer for protecting the waterproofing coating on roofs made of gravel 5-10 mm, laid on one layer 8 cm thick, on horizontal or inclined surfaces up to 7% Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	277.00		
236	IzE05C k=3	Scaffolds, perforated stainless steel sills of 3 mm thick, with a width between 50 cm and 100 cm	m	24.00		

1	2	3	4	5	6	7
		inclusive Labor efforts coefficient = 3.000 Materials coefficient = 3.000 Machinery coefficient = 3.000				
237	CK35D	Plastic dowels d8x80 fixed in reinforced concrete walls	piece	96.00		
238	CE23C2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar -T M 100, secured on concrete elements, for lengths of more than 2 m, with width between 40 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	24.00		
239	CE20A	Systems of brass-type ditches from anticorrosive protected board D=160 mm Small material = 1.030	m	24.00		
240	CE22A	Systems of brass-type tubing D=125 mm from anticorrosive protected board Small material = 1.020	m	10.40		
241	CK35D	Plastic dowels d8x80 fixed in reinforced concrete walls	piece	775.00		
242	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar -T M 100, secured on concrete elements, for lengths of more than 2 m, with width between 21 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	162.50		
243	CE25A	Additional sealing on the frame, at the perforations or joints with polymeric kits or mastic Small material (adhesive, diluent) = 1.050	m	162.50		
244	CE23D	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 550 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	76.00		
245	CE23D	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 500 mm.	m	41.40		

1	2	3	4	5	6	7
		Small materials (wires, nails, dowels, hard water) = 1.040				
246	CL17B	Various metal garments, mounted visibly: rail, grids, manhole covers, snow stops, grills	kg	528.55		
247	CN21B	Painting the balustrades, metal grilles and fences executed with alkyd enamel in one layer including the primer	m2	24.29		
248	CK35B	Metal dowels d8x150 mm fixed in reinforced concrete walls	piece	78.00		
		Total type 2 Including salary				
		4.3. Type 3				
249	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	80.00		
250	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, density 300 kg/m3, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	80.00		
251	IzF52A1 k=52.5	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm Labor efforts coefficient = 52.500 Materials coefficient = 52.500 Machinery coefficient = 52.500	m2	80.00		
252	IzF18C	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M150 brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 3 cm	m2	80.00		
253	IzF33A	Executing the waterproof layer of bitumen-rubber polymeric elements 2 mm thick with the device RX-25 at the plates, on the roof Small materials (leveling roll, rags) 1% = 1.010	m2	80.00		
		Total Type 3 Including salary				
		4.4. Type 4				
254	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.27		

1	2	3	4	5	6	7
255	CN53A	Coating the internal surfaces of the walls and ceilings	m2	26.20		
256	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (node VIII)	m2	26.20		
257	CN53A	Coating the internal surfaces of the walls and ceilings	m2	26.20		
258	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	26.20		
259	CL26A	Ready-made metallic frames PM-1	kg	11.68		
260	CP18A	Welding on the edge the overlapped steel plates, with thickness of 5-7 mm inclusively	m	3.12		
261	CE40A	Installing the frame beams elements (bars) with antiseptic treatment	m3	0.32		
262	CE41A	Assembling spars section 50x100 mm with antiseptic treatment	m3	0.47		
263	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	0.79		
264	CE17A	Diffusion membrane layer of 100 gr/m2 mounted under the cover layer Small material = 1.030	m2	47.00		
265	CE30A	Covers or valley roof covering from roofing tiles, Eternit type plates from rough wood planks (30 mm thick), in ordinary construction. Standard 0.0027 m3/m2	m2	55.00		
266	CE30A	Covers or valley roof covering from roofing tiles, Eternit type plates from rough wood planks (30 mm thick), in ordinary construction. Standard 0.0108 m3/m2	m2	55.00		
267	CN51E	Antiseptic treatment of the carpentry, on apparent areas with antiseptic paste: coating the beams	100 m2	0.55		
268	CN50C	Fireproofing treatment of the carpentry, stave-based screen for coverings and revetment.	100 m2	0.55		
269	CE07A	Covering from imprinted board	m2	55.00		

1	2	3	4	5	6	7
		plates C21-1000-0.6 RAL9010 for covering the roofs Small material = 1.050				
270	CE23B	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 230 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	11.00		
		Total Type 4 Including salary				
		4.5. Node IX Sketch 26				
271	IzF18C k=1.667	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M150 brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 3 cm Labor efforts coefficient = 1.667 Materials coefficient = 1.667 Machinery coefficient = 1.667	m2	9.00		
272	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	11.00		
273	CE13A2	Covers for the roofs with modified bitumen membranes Tehnoelast EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	11.00		
274	CE23C2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar M 100 - T, secured on concrete elements, for lengths of more than 2 m, with width between 33 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	8.80		
		Total Node IX Sketch 26				

1	2	3	4	5	6	7
		Including salary				
		4.6. Section b-b, sketch 27				
275	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.08		
276	CB03F	Formwork of reusable panels, with plywood of 15mm for pouring concrete in pylons in constructions up to 20 m high inclusively, supporters being excluded	m2	4.04		
277	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	8.00		
278	CC02K2	Reinforced concrete steel shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	26.88		
279	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	0.24		
280	CN53A	Coating the internal surfaces of the walls and ceilings	m2	7.00		
281	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (node VIII)	m2	7.00		
282	CN53A	Coating the internal surfaces of the walls and ceilings	m2	7.00		
283	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	7.00		
284	CP21C	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, caulking the horizontal joints between the wall panels and floor panels or the	m	9.00		

1	2	3	4	5	6	7
		vertical joints between the wall panels				
285	CE13A	Covers for the roofs with modified bitumen membranes Tehnoelast EPP bonded with flame in mono-layer system, on horizontal surface mounted on continuous support (additional layer) Small material = 1.050	m2	9.00		
286	CK35D	Plastic dowels d8x80 fixed in reinforced concrete walls	piece	30.00		
287	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar -T M 100, secured on concrete elements, for lengths of more than 2 m, with width between 21 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	9.00		
288	CE25A	Additional sealing on the frame, at the perforations or joints with polymeric kits or mastic Small material (adhesive, diluent) = 1.050	m	9.00		
289	CE05B1	Covering from anticorrosive protected plane boards, fixed with cramps, made with double joints in both directions, executed on areas smaller or equal to 40 m2 with board sheets of 0.5 mm thickness, including the execution of valleys, aprons, connections to chimneys etc. Small materials (mineral oil, white zinc, alloy, ready-made red lead paint) - 1.050	m2	3.36		
290	CE25A	Additional sealing on the frame, at the perforations or joints with polymeric kits or mastic Small material (adhesive, diluent) = 1.050	m	4.20		
		Total Section b-b, Sketch 27 Including salary				
		4.7. Ventilation channels' passing (sketch 27)				
291	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	164.15		
292	CK35B	Metal dowels d12x100 mm fixed in reinforced concrete walls	piece	24.00		

1	2	3	4	5	6	7
293	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.164		
294	CP21C	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, caulking the horizontal joints between the wall panels and floor panels or the vertical joints between the wall panels	m	3.14		
295	CE13A	Covers for the roofs with modified bitumen membranes Tehnoelast EPP bonded with flame in mono-layer system, on horizontal surface mounted on continuous support (additional layer) Small material = 1.050	m2	3.14		
296	CE24D	Sleeve bow made of 0.5 mm thick anticorrosive protected board, at the entrance of the pillars in the parapet, at the antenna legs, lighting discharger, etc. Small materials (coal, hard water) = 1.030	piece	4.00		
297	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar -T M 100, secured on concrete elements, for lengths of more than 2 m, with width between 21 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	3.14		
		Total Ventilation channels' passing (sketch 27) Including salary				
		Total Roof Including salary				
		5. Facade				
298	CB14A	Tubular metallic scaffold for works on vertical areas for heights up to 30 m inclusively, with immobilization of the scaffold for	m2	1 321,00		

1	2	3	4	5	6	7
		25 days (200 hours)				
299	IzF55B	External thermal insulation of buildings' walls with fine plaster based on thermal insulators (rigid fixation systems of the thermal insulation), smooth wall surface: with extruded polystyrene plate, with thickness 70 mm Small materials (cloth, foam) = 1.010	m2	48.00		
300	CF10A k=1.6	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (40 mm) Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	m2	48.00		
301	CC03A	Assembling welded meshes BP-1 d5 150x150 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	88.80		
302	CN53A	Coating the internal surfaces of the walls and ceilings	m2	48.00		
303	CI21A	Plating the walls with ceramic-granite plates: size up to 400 x 400 mm. Small materials (cloth, disc) = 1.010	m2	48.00		
304	IzF55C	External thermal insulation of the walls of the buildings with fine plaster based on thermal insulators (rigid fixation systems of the thermal insulation), smooth wall surface: with plates of mineral wool D=150 kg/m3, th. 100 mm Small materials (cloth, foam) = 1.010	m2	770.40		
305	IzF55C	External thermal insulation of the walls of the buildings with fine plaster based on thermal insulators (rigid fixation systems of the thermal insulation), smooth wall surface: with plates of mineral wool D=150 kg/m3, th. 70 mm Small materials (cloth, foam) = 1.010	m2	136.60		
306	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C44-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	14.40		
307	CD07B	Walls made of anticorrosive protected boards, RAL 7024,	m2	3.00		

1	2	3	4	5	6	7
		folded C44-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively				
308	CN54B	Manual application of the quartz ground "Gleta" in one layer, for the exterior walls of the facade.	m2	889.60		
309	CF30A	Exterior coating of 2 mm mm thickness, executed manually, with "TINA-15" mixture on the walls RAL9010	m2	730.00		
310	CF30A	Exterior coating of 2 mm mm thickness, executed manually, with "TINA-15" mixture on the walls RAL7024	m2	51.00		
311	CF30A	Exterior coating of 2 mm mm thickness, executed manually, with "TINA-15" mixture on the walls RAL5010	m2	108.60		
312	CL53D	Assembling the ventilated facade system with the revetment of the building walls and structures with metal holder-boards fixed with hidden screws, with architectural details surface up to 30% of the total wall area.	m2	114.80		
		Total Facade Including salary				
		6. Finishing the domes K1.1, K1.2				
313	CB14C	Tubular metallic scaffold for finishing works on the ceilings, for heights up to 7 m inclusively, with immobilization of the scaffold for 15 days (120 hours)	m2	1 030,00		
314	CE06C	Galvanized folded board covers, H60-845-0.7, mounted on metal blades, executed with grub screws (on the top flange) and consolidated with clenches, including the execution of valleys, aprons, connections to baskets etc. Small materials (material for gluing the board) = 1.050	m2	1 040,00		
315	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C44-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	180.00		
316	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C21-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	1 050,00		
317	CE23B	Sills and domes from	m	142.60		

1	2	3	4	5	6	7
		anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 480 mm, position 3 Small materials (wires, nails, dowels, hard water) = 1.040				
318	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 360 mm, position 13 Small materials (wires, nails, dowels, hard water) = 1.040	m	132.80		
319	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 160 mm, position 15 Small materials (wires, nails, dowels, hard water) = 1.040	m	90.40		
320	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 200 mm, position 16 Small materials (wires, nails, dowels, hard water) = 1.040	m	6.00		
321	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 120 mm, position 17 Small materials (wires, nails, dowels, hard water) = 1.040	m	142.60		
322	CE20A	Systems of brass-type ditches from anticorrosive protected board D=160 mm Small material = 1.030	m	132.80		
323	CE22A	Systems of brass-type tubing D=140 mm from anticorrosive protected board Small material = 1.020	m	144.00		
324	CE22A	Systems of brass-type tubing D=140 mm from anticorrosive protected board Small material = 1.020	m	37.00		
		Total Finishing the domes K1.1, K1.2 Including salary				
		7. Finishing the domes K2.1, K2.2				
325	CE30A	Covers or valley roof covering from roofing tiles, Eternit type plates from rough wood planks (30 mm thick), in ordinary construction. Standard 0.0060 m3/m2	m2	48.00		

1	2	3	4	5	6	7
326	CN51E	Antiseptic treatment of the carpentry, on apparent areas with antiseptic paste: coating the beams	100 m2	0.48		
327	CE06C	Galvanized folded board covers, H35-1000-0.6, mounted on metal blades, executed with grub screws (on the top flange) and consolidated with clenches, including the execution of valleys, aprons, connections to baskets etc. Small materials (material for gluing the board) = 1.050	m2	48.00		
328	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C44-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	26.40		
329	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C10-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	37.40		
330	CE06A1	Galvanized board covers 0.5 mm, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050	m2	17.20		
331	CE20A	Systems of brass-type ditches from anticorrosive protected board D=125 mm Small material = 1.030	m	13.20		
332	CE22A	Systems of brass-type tubing D=87 mm from anticorrosive protected board Small material = 1.020	m	18.40		
333	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 320 mm, position 3 Small materials (wires, nails, dowels, hard water) = 1.040	m	29.40		
334	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 440 mm, position 10 Small materials (wires, nails, dowels, hard water) = 1.040	m	13.20		
335	CE23B	Sills and domes from	m	3.60		

1	2	3	4	5	6	7
		anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm, position 11 Small materials (wires, nails, dowels, hard water) = 1.040				
336	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 290 mm, position 12 Small materials (wires, nails, dowels, hard water) = 1.040	m	10.80		
337	CE23B	Sills and domes from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 120 mm, position 13 Small materials (wires, nails, dowels, hard water) = 1.040	m	29.20		
338	CL53D	Assembling the ventilated facade system with the revetment of the building walls and structures with metal holder-boards fixed with hidden screws, with architectural details surface up to 30% of the total wall area.	m2	24.00		
		Total Finishing the domes K2.1, K2.2				
		Including salary				
		8. Organization				
339	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively	m2	48.00		
340	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	150.00		
341	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	75.83		
342	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	29.84		
343	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	3.73		
344	DE18A	Pavement made of precast concrete paving slabs of 50 mm	m2	373.00		

1	2	3	4	5	6	7
		thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embroidered with dry mixture of cement and sand, 5 cm thick layer				
		Total Organization Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-2
Constructive solutions (04/2015-4-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	5.12		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m ³	13.00		
3	TsC03F1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, land cat. II. Machinery coefficient = 1.200	100 m ³	0.74		
4	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	122.10		
5	TsC51B	Works for unloading the soil in the storage, field category II	100 m ³	0.74		
6	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m ³	525.00		
7	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in	100 m ³	5.25		

1	2	3	4	5	6	7
		the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil				
		Total Earthworks works Including salary				
		1.2. Foundations				
8	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	12.82		
9	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	301.18		
10	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	304.32		
11	CC01E1	Concrete steel fittings OB 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	109.70		
12	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	2 976,64		
13	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	73.69		
14	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	301.18		

1	2	3	4	5	6	7
		Total Foundations Including salary				
		1.3. Monolith carcass				
		1.3.1. Monolith pillars				
15	CB03F	Formwork of reusable panels, with plywood of 15mm for pouring concrete in pylons in constructions up to 20 m high inclusively, supporters being excluded	m2	520.16		
16	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	1 946,12		
17	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	3 467,96		
18	CC02D2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, excluding constructions executed with sliding formwork (straps)	kg	499.20		
19	CC13E	Joining through electrical welding at the edge the steel-concrete coating, for reinforced monolith concrete, executed in 2 straps, in beams with diameter of 18-28 mm	piece	416.00		
20	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	60.02		
		Total Monolith pillars Including salary				
		1.3.2. Monolith beams and planes				
21	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	2 068,17		
22	CB11A	Supporters with extended inventory props used for installation of the prefabricated	piece	4 590,00		

1	2	3	4	5	6	7
		plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R				
23	CC02M	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	3 259,73		
24	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	345.13		
25	CC02N2	Reinforced concrete steel shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	28 271,57		
26	CC02D2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, excluding constructions executed with sliding formwork (straps)	kg	230.40		
27	CC13E	Joining through electrical welding at the edge the steel-concrete coating, for reinforced monolith concrete, executed in 2 straps, in beams with diameter of 18-28 mm	piece	192.00		
28	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	53.85		
29	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	310.00		
		Total Monolith beams and planes Including salary				
		1.3.3. Monolith stairs Sc1, Sc2				
30	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without	m3	0.70		

1	2	3	4	5	6	7
		support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground				
31	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	83.40		
32	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	piece	130.00		
33	CC02M	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	143.86		
34	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	62.48		
35	CC02N2	Reinforced concrete steel shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	673.00		
36	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	10.84		
		Total Monolith stairs Sc1, Sc2 Including salary				
		Total Monolith carcass Including salary				
		1.4. Parapet levels 7.000 and 10.780				

1	2	3	4	5	6	7
37	CB03F	Formwork of reusable panels, with plywood of 15mm for pouring concrete in pylons in constructions up to 20 m high inclusively, supporters being excluded	m2	68.34		
38	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	29.15		
39	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	290.36		
40	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	4.10		
41	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	1.57		
		Total Parapet levels 7.000 and 10.780 Including salary				
		1.5. Concrete constructions of the dome K2 (2 pieces)				
42	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground	m3	2.10		
43	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	7.68		
44	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	10.32		

1	2	3	4	5	6	7
45	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	25.28		
46	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	17.12		
47	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	1.00		
48	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	1.10		
49	TsD04B	Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground	m3	1.10		
50	CE41A	Assembling spars with antiseptic treatment	m3	1.12		
51	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	1.12		
		Total Concrete constructions of the dome K2 (2 pieces Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				
		2.1. Metallic constructions of the dome K2 (2 pieces)				
52	CL08A	Ready-made metallic elements	t	1.834		

1	2	3	4	5	6	7
		(columns, beams , trusses) of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction				
53	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	1.834		
		Total Metallic constructions of the dome K2 (2 pieces Including salary				
		2.2. Metallic constructions level 7,000				
54	CL08A	Ready-made metallic elements (columns, beams , trusses) of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction	t	1.191		
55	CP18A	Welding on the edge the overlapped steel plates, with thickness of 5-7 mm inclusively	m	6.08		
56	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	1.191		
		Total Metallic constructions level 7,000 Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimate: Including salary				

Compiled

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-3
Cover K1.1 (04/2015-4.1-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.31		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	1.80		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	22.15		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.22		
		Total Earthworks works Including salary				
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical	m3	1.80		

1	2	3	4	5	6	7
		means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	21.80		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	22.76		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	154.68		
9	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg. Anchor bolts 1.1 M24x1100 Cт3пc2 Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	134.40		
10	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	8.20		
11	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	21.80		
		Total Foundations Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				

1	2	3	4	5	6	7
12	CL01A	Ready-made steel pylons class C235, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively Cm/1, Cm/2	t	4.255		
13	CL05A	Ready-made steel beams with grates, class C 235 steel, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively Fm/1 - Fm/47	t	13.462		
14	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction Em/13, Em/15, Em/17	t	0.355		
15	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction Em/1-Em/23 pl.14	t	3.599		
16	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Dg/1-Dg/23)	t	1.145		
17	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Pm/11-Pm/13, Pm/22, Pm/23, Pm/25, Pm/31, Pm/33)	t	0.136		
18	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Pm/1-Pm/35 pl.14)	t	0.486		
19	CL13A	Metallic blades from cold-made profiles of steel strip, C235 class steel, ready-made , mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively (Pn/1-Pn15 pl.14)	t	5.973		
20	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	29.411		

1	2	3	4	5	6	7
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Metallic constructions Including salary				
		Total estimate: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-4
Cover K1.2 (04/2015-4.2-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	0.31		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m ³	1.80		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m ³	22.15		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m ³	0.22		
		Total Earthworks works Including salary				
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively,	m ³	1.80		

1	2	3	4	5	6	7
		concrete, pouring with classical means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	21.80		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	22.76		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	154.68		
9	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg . Anchor bolts 1.1 M24x1100 Ст3пс2 Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	134.40		
10	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	8.20		
11	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	21.80		
		Total Foundations Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				

1	2	3	4	5	6	7
		2. Metallic constructions				
12	CL01A	Ready-made steel pylons class C235, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively Cm/1, Cm/2	t	4.255		
13	CL05A	Ready-made steel beams with grates, class C 235 steel, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively Fm/1 - Fm/47	t	13.462		
14	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction Em/13, Em/15, Em/17	t	0.355		
15	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction Em/1-Em/23 pl.14	t	3.599		
16	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Dg/1-Dg/23)	t	1.145		
17	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Pm/11-Pm/13, Pm/22, Pm/23, Pm/25, Pm/31, Pm/33)	t	0.136		
18	CL08A	Ready-made metallic elements of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction (Pm/1-Pm/35 pl.14)	t	0.486		
19	CL13A	Metallic blades from cold-made profiles of steel strip, C235 class steel, ready-made , mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively (Pn/1-Pn15 pl.14)	t	5.973		
20	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	29.411		

1	2	3	4	5	6	7
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimate: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-5
Heating, ventilation and air-conditioning (04/2015-4-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Ventilation and air-conditioning system				
1	VB28B	Circular deflector Du=315mm, "Mandik" Small material = 1.005	piece	1.00		
2	VB26A f	Swirling diffuser VAPM 315 K/D/T/P/R "Mandik"	piece	39.00		
3	VB26A f	Swirling diffuser VAPM 200 K/D/T/P/R "Mandik"	piece	15.00		
4	VB26A f	Swirling diffuser VAPM 160 K/D/T/P/R "Mandik"	piece	18.00		
5	VB26A f	Swirling diffuser VAPM 125 K/D/T/P/R "Mandik"	piece	46.00		
6	CL20A	Ready-made diffuser, type TVOM 200	piece	28.00		
7	CL20A	Ready-made diffuser, type TVOM 160	piece	85.00		
8	CL20A	Ready-made ventilation grates of aluminum, of type VNKM2 525X225 R2	piece	2.00		
9	VA19A	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel board of 0.55 mm thickness, having the diameter of the circular section up to 200 mm. Consumption fixing 1.2223 kg/m2 Small materials (wipers, silicon)=1,010	m2	668.89		
10	VA20A	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel board of 0,55 mm thickness, having the diameter of the circular section 201-560 mm. Consumption fixing	m2	407.68		

1	2	3	4	5	6	7
		1.2223 kg/m2 Small materials (wipers, silicon)=1,010				
11	VA22C	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel board of 0.55 mm thickness, having the perimeter: up to 1800 mm. Consumption fixing 1.2223 kg/m2 Small materials (wipers, silicon)=1,010	m2	169.23		
12	VA22D	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel board of 0.55 mm thickness, having the perimeter: up to 2000 mm. Consumption fixing 1.2223 kg/m2 Small materials (wipers, silicon)=1,010	m2	139.00		
13	VA22E	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel board of 0,55 mm thickness, having the perimeter: up to 3600 mm. Consumption fixing 1.2223 kg/m2 Small materials (wipers, silicon)=1,010	m2	133.51		
14	VA13F	Special piece (connection), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 250-400 mm (D100, D125)	m2	2.13		
15	VA13FG	Special piece (connection), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 400-700 mm (D160, D200)	m2	10.96		
16	VA13H	Special piece (connection), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 700-1600 mm (D250, D315, D400)	m2	4.47		
17	VA13F	Special piece (bend 90"), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 250-400 mm (D100, D125)	m2	5.06		
18	VA13FG	Special piece (bend 90"), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 400-700 mm (D160, D200)	m2	66.74		
19	VA13H	Special piece (bend 90"), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 700-1600 mm (D250, D315, D400)	m2	38.52		

1	2	3	4	5	6	7
20	VA13FG	Special piece (bend 45"), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 400-700 mm (D160, D200)	m2	5.21		
21	VA13H	Special piece (bend 45") of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 700-1600 mm (D250)	m2	1.10		
22	VA14F	Special piece (change of section 100x125), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 250 - 400 mm	m2	1.10		
23	VA14G	Special piece (change of section 125x160; 100x160; 160x200; 125x200), of galvanized steel board of 0.55 mm thick, having the perimeter of the circular section of 400 - 700 mm Small materials (electricity, wipers, etc.) = 1.010	m2	5.30		
24	VA14H	Special piece (change of section 200x250; 125x250; 250x315), of galvanized steel board of 0.55 mm thick inclusively, having the perimeter of the circular section of 700 - 1600 mm	m2	2.87		
25	VA10H	Special piece (bend 250x400), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 700 - 1600 mm	m2	5.28		
26	VA10I	Special piece (bend 400x500), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 1600 - 2500 mm	m2	30.52		
27	VA10J	Special piece (connection 800x800), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 2500 - 4000 mm	m2	3.33		
28	VA10H	Special piece (connection 250x400), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 700 - 1600 mm	m2	1.10		
29	VA11H	Special piece (reduction 400x500/300x650), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 700 - 1600	m2	2.60		

1	2	3	4	5	6	7
		mm				
30	VA11I	Special piece (reduction 800x400/500x400), of galvanized steel board of 0.55 mm thick, having the perimeter of the rectangular section of 1600 - 2500 mm	m2	3.28		
31	VA22D	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel or aluminum board of 1,0 mm thickness, having the perimeter: up to 2000 mm. Consumption fixing 1.2223 kg/m2 Small materials (wipers, silicon)=1,010	m2	117.94		
32	VA10H	Special piece (bend 400x250), of galvanized steel board of 1,0 mm thick, having the perimeter of the rectangular section of 700 - 1600 mm	m2	4.25		
33	VA10I	Special piece (connection 400x600), of galvanized steel board of 1,0 mm thick, having the perimeter of the rectangular section of 1600 - 2500 mm	m2	3.29		
34	VA11I	Special piece (reduction 400x600/D600), of galvanized steel board of 1,0 mm thick, having the perimeter of the rectangular section of 1600 - 2500 mm	m2	3.29		
35	IzH10A	Insulation of pipes with self-adhesive rubber insulation Flexifoam, having the thickness of 9 mm (without using wires)	m2	1 702,00		
36	IzH07B	Insulation of pipes with mineral wool mats RockWool Alu Lamella Mat, sewed with galvanized steel wires on the ready-made wire mesh, covered on one single side, having the thickness of 20 mm	m2	434.00		
37	IzH07B	Insulation of pipes with mineral wool mats RockWool Alu Lamella Mat, sewed with galvanized steel wires on the ready-made wire mesh, covered on one single side, having the thickness of 50 mm	m2	165.00		
		Total Ventilation and air-conditioning system Including salary				
		1.2. Heating system				

1	2	3	4	5	6	7
38	IB01A	Cast iron radiators MC-140-500 united columns and elliptic section	m2	172.05		
39	IB20A	Support elements for the heating bodies, L=300 mm, assembled in the brick wall.	piece	342.00		
40	ID06A	Airing tap with mobile key for central heating installations mounted on the radiators	piece	78.00		
41	ID01A	Tap with valve with double control (Caleffi supply) for central heating installations, having the nominal diameter 1/2"	piece	78.00		
42	ID01A	Tap with valve with double control (Caleffi return) for central heating installations, having the nominal diameter 1/2"	piece	78.00		
43	ID02A	Control thermostatic head for central heating installations	piece	78.00		
44	IE01B	Performing the under pressure impermeability testing of the central heating installation, having pipes from steel, copper, polyethylene or polypropylene, with heating bodies, heating devices, fittings, distributors, collectors, reservoirs, and airing taps, with the total area of the heating bodies of 101-200 m2	m2	172.05		
45	IE02B	Performing the under pressure impermeability testing of the central heating installation, having pipes from steel, copper, polyethylene or polypropylene, with heating bodies, heating devices, fittings, distributors, collectors, reservoirs, and airing taps, with the total area of the heating bodies of 101-200 m2	m2	172.05		
46	IE08B	Washing with drinking water the internal installation of central heating, the total area of the bodies being of 101-200 m2	m2	172.05		
47	CN23G1	Paintings of ordinary quality of the functional installations, executed with alkyd enamel (Termolux) on the radiators of the central heating	m2	172.05		
48	ID06A	Automated airing tap for central heating installations, having the nominal diameter 1/2"	piece	10.00		
49	IC35B	Reinforced propylene pipe with PN 20 fibers assembled at the joints of heating appliances or	m	330.00		

1	2	3	4	5	6	7
		devices, in central heating installations, with the external diameter of 20.0 mm				
50	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=20x9 mm Small material = 1.050	m	330.00		
51	IC38A	The fitting piece, with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 20,0 mm, inclusively	piece	400.00		
52	IC38G	The fitting piece, with 3 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 20,0 mm, inclusively	piece	12.00		
53	IC35C	Reinforced propylene pipe with PN20 fibers assembled at the joints of heating appliances or devices, in central heating installations, with the external diameter of 25.0 mm	m	150.00		
54	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=25x9 mm Small material = 1.050	m	150.00		
55	IC38B	The fitting piece, with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 25,0 mm	piece	4.00		
56	IC38H	The fitting piece, with 3 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 25,0 mm	piece	62.00		
57	IC35D	Reinforced propylene pipe with PN20 fibers assembled at the joints of heating appliances or devices, in central heating installations, with the external diameter of 32.0 mm	m	300.00		
58	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from	m	300.00		

1	2	3	4	5	6	7
		D=32x9 mm Small material = 1.050				
59	IC38C	The fitting piece, with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 32,0 mm	piece	32.00		
60	IC38I	The fitting piece, with 3 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 32,0 mm	piece	28.00		
61	IC36D	Reinforced propylene pipe with PN20 fibers assembled in columns on the central heating installations, with the external diameter of 40.0 mm	m	170.00		
62	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=40x9 mm Small material = 1.050	m	170.00		
63	IC38D	The fitting piece, with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 40,0 mm	piece	16.00		
64	IC38J	The fitting piece, with 3 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 40,0 mm	piece	36.00		
65	IC36E	Reinforced polyethylene pipe with PN20 fibers assembled in columns on the central heating installations, with the external diameter of 50.0 mm	m	100.00		
66	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=50x9 mm Small material = 1.050	m	100.00		
67	IC38E	The fitting piece, with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 50,0 mm	piece	26.00		
68	IC38K	The fitting piece, with 3 joins,	piece	2.00		

1	2	3	4	5	6	7
		from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 50,0 mm				
69	IC11F	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for residential and social-cultural buildings, the pipe having Dn=50 mm	m	170.00		
70	IzH22A	Insulation of pipes with mineral wool shells RockWool 150, with aluminum or similar foils, with thickness of 50 mm	m2	80.07		
71	IC12B	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for dwelling and social-cultural buildings, the pipe having Dn=65 mm	m	50.00		
72	IzH22A	Insulation of pipes with mineral wool shells RockWool 150, with aluminum or similar foils, with thickness of 50 mm	m2	25.90		
73	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50x15 mm	piece	2.00		
74	IC38C	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 32,0 mm	piece	25.00		
75	IC38C	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 32x25 mm	piece	34.00		
76	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50x25 mm	piece	4.00		

1	2	3	4	5	6	7
77	IC38D	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 40x25 mm	piece	10.00		
78	IC38B	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 25x20 mm	piece	102.00		
79	IC38D	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 40x20 mm	piece	15.00		
80	IC38D	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 40x32 mm	piece	29.00		
81	IC38E	The fitting piece (reduction), with 2 joins, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 50x40 mm	piece	4.00		
82	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50x32 mm	piece	12.00		
83	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter over 34 mm inclusively	m2	36.90		
84	IE03A	Performing the leakage test under pressure for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 3/8 " ... 1"	m	780.00		
85	IE03B	Performing the leakage test under	m	270.00		

1	2	3	4	5	6	7
		pressure for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 1 1/4 " ... 2"				
86	IE03C	Performing the leakage test under pressure for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 54 x 3.5 ... 83 x 3.5 mm	m	220.00		
87	IE04A	Performing the dilatation - contracting test and the operation test for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 3/8 " ... 1"	m	780.00		
88	IE04B	Performing the dilatation - contracting test and the operation test for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 1 1/4 " ... 2"	m	270.00		
89	IE04C	Performing the dilatation - contracting test and the operation test for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 54 x 3.5 ... 83 x 3.5 mm	m	220.00		
		Total Heating system Including salary				
		1.3. Boiler shop				
90	IC05A	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for production buildings (industrial constructions), the pipe having a diameter of 1/2"	m	4.00		
91	TfA02A1	Ready-made steel bend, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 15 mm	piece	7.00		
92	TfA13A1	90-degree or oblique bend,	piece	13.00		

1	2	3	4	5	6	7
		executed in the channel at a depth of 1 m or over the ground up to 3 m having Dn 15 (T-bend)				
93	IC05C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for production buildings (industrial constructions), the pipe having a diameter of 1"	m	50.00		
94	TfA02A1	Ready-made steel bend, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 25 mm	piece	38.00		
95	TfA13A1	90-degree or oblique bend, executed in the channel at a depth of 1 m or over the ground up to 3 m having Dn 25 (T-bend)	piece	25.00		
96	IC05E	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for production buildings (industrial constructions), the pipe having a diameter of 1 1/2"	m	17.00		
97	TfA02A1	Ready-made steel bend, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 40 mm	piece	15.00		
98	IC11F	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in columns, in central heating installations for residential and social-cultural buildings, the pipe having Dn=50 mm	m	5.00		
99	TfA02A1	Ready-made steel bend, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50 mm	piece	4.00		
100	TfA13A1	90-degree or oblique bend, executed in the channel at a depth of 1 m or over the ground up to 3 m having Dn 50 (T-bend)	piece	5.00		

1	2	3	4	5	6	7
101	IE03A	Performing the leakage test under pressure for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 3/8 " ... 1"	m	54.00		
102	IE03B	Performing the leakage test under pressure for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 1 1/4 " ... 2"	m	22.00		
103	IE04A	Performing the dilatation - contracting test and the operation test for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 3/8 " ... 1"	m	54.00		
104	IE04B	Performing the dilatation - contracting test and the operation test for the conducts supplying the heating appliances (heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 1 1/4 " ... 2"	m	22.00		
105	TfA01C1	Steel pipe assembled in the ditch at a depth of down to 1m or above-ground, at a height up to 3 m, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 108x4.0	m	20.00		
106	TfA02C1	Ready-made steel bend, assembled on the pipe placed in the channel, at a depth of up to 1 m or over-ground, at a height up to 3 m, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 108x4.0	piece	8.00		
107	TfA01D1	Steel pipe assembled in the ditch at a depth of down to 1m or above-ground, at a height up to 3 m, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 159x4.5	m	5.00		
108	TfA02D1	Ready-made steel bend, assembled on the pipe placed in the channel, at a depth of up to 1 m or over-ground, at a height up	piece	4.00		

1	2	3	4	5	6	7
		to 3 m, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 159x4.5				
109	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50x25 mm	piece	1.00		
110	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 25x15 mm	piece	1.00		
111	TfA02A1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 50x25 mm	piece	2.00		
112	TfA02C1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 108x57	piece	1.00		
113	TfA02D1	Ready-made steel reduction, assembled on the pipe, including the pressure test in cold conditions, sealing test and the complex test with fluid in circulation, having the diameter 159x108	piece	2.00		
114	CN23A	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter up to 34 mm inclusively	m	54.00		
115	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter over 34 mm inclusively	m2	12.20		
116	ID10E	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with	piece	2.00		

1	2	3	4	5	6	7
		valves, for gas installations , having nominal diameter of 2"				
117	ID04C	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter of 2"	piece	6.00		
118	ID04B	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter of 1 1/2"	piece	3.00		
119	ID04A	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter of 1"	piece	8.00		
120	ID04A	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter 1/2"	piece	2.00		
121	IA20B	Check valve, mounted through screwing, having the nominal diameter 2"	piece	2.00		
122	IA20B	Check valve, mounted through screwing, having the nominal diameter 1 1/2"	piece	1.00		
123	IA20A	Check valve, mounted through screwing, having the nominal diameter 1"	piece	2.00		
124	IA18B	Refined fittings for the central heating boilers: thermo- manometer group hydrometer with control tap	piece	5.00		
125	ID06A	Automated airing tap for central heating installations, having the nominal diameter 1/2"	piece	10.00		
126	ID07B f	Flexible enclosure with sleeves, having the nominal diameter 1"	piece	12.00		
127	SB28A	Flooring siphon from polypropylene with stainless steel grill , with the exit diameter of 50 mm Small materials (cement, sand, water, etc.) = 1.010	piece	1.00		
128	IA20A	Over-pressure safety valve, mounted through screwing, having the nominal diameter 1/2"	piece	2.00		
129	ID04A	Drainage tap with sleeves for central heating installations, having the nominal diameter 1/2"	piece	20.00		
		Total Boiler shop Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			

1	2	3	4	5	6	7
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Ventilation and air- conditioning system				
130	VC18B	Mounting the device of air conditioning, special, modulated, for mixing, filtering, heating, humidification, cooling, post-heating, ventilation, distribution, noise mitigation, having the treated air flow of 12.000 - 30.000 m3/h Small materials (water, petrol, wipers, electricity, etc.) =1,004	piece	1.00		
131	VC07A	Installing the window-based axial ventilators, CK type Small materials and assembling (screws, oxygen, carbide etc.) = 1.010	piece	5.00		
132	VC06B	Installing the directly triggered radial roof ventilators, having the air flow of 6.000 - 15.000 m3/h with electrical engine of 3 kw (DU ventilators) Small materials (fittings, wipers, petrol, etc.) = 1.050	piece	2.00		
133	08-03-605-1	Ventilator (electrical part)	piece	14.00		
134	IB09A	Wall or ceiling air heaters working with hot water, connected with sleeves, with thermal value up to 8.0 kw, inclusively	piece	4.00		
135	AcB01G	Assembling the fitting with manual or mechanic triggering (valve) on the air supply pipes Small materials and assembling (fitting, screws, etc.) = 1.020	piece	11.00		
136	AcB09A	Assembling devices for electrical triggering of fillets Small materials (electricity conductors, tin, cable ditch, etc.) = 1.030	piece	11.00		
137	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	3.00		
		Total Ventilation and air- conditioning system Including salary				

1	2	3	4	5	6	7
		2.2. Boiler shop				
138	IA14E	Boiler for preparing the heating agent (hot water 90/70 degrees), of steel, mono-block, with the thermal power of 291 - 380 kw	piece	2.00		
139	IA32B	Expanding vessel closed with a membrane, having the capacity of 501 -1000 l	piece	2.00		
140	IA17C	Vertical heater mounted in the floor, the heater having the capacity of 1000 ... 2000 l	piece	3.00		
141	11-04-004-01	Wall appliances. Automation panels	piece	8.00		
142	IA37A	Circulation (re-circulation) pump mounted on the existing pipe, through flanges, with the diameter up to 1", inclusively	piece	5.00		
143	IA37B	Circulation (re-circulation) pump mounted on the existing pipe, through flanges, with the diameter up to 1"	piece	1.00		
144	IC46A	Distributor - collector for heating plants and points, mounted on ready-made supporter 65-100 mm	piece	1.00		
145	IA41B	Pressure reducing unit for central heating installations with 80 or 100 mm connections	piece	1.00		
146	TfE01D	Assembling the pre-insulated chimney units with diameter of 160 mm	m	10.00		
147	ID05B	Gate valve or valve with retainer flange for central heating installations, having the nominal diameter of 50 ... 65 mm (fillet with 3 ways)	piece	1.00		
148	AcB09A	Assembling devices for electrical triggering of fillets (servo-engine) Small materials (electricity conductors, tin, cable ditch, etc.) = 1.030	piece	1.00		
149	SE56A	Filter for drinking water, with threaded sleeves to be installed on the pipe, with the dimension of 2" Small materials (hemp tows, lead minium primer, etc.) = 1.010	piece	2.00		
150	IA39A	Installation for filling in and filtering water	piece	1.00		
151	08-03-602-1	Connection to the electricity network	piece	9.00		
		Total Boiler shop Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			

1	2	3	4	5	6	7
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. Ventilation and air-conditioning system				
152	Supplier price	Slump installation Project No. 825-MD003-16 PV 1.1 Mandik producer according to the specifications 04/2015-4-IV p. 1 sub-points 1.1 - 1.20	set	1.00		
153	Supplier price	Ventilator CK125A, flow 100m3/h, P=200Pa, "OSTBERG"	piece	1.00		
154	Supplier price	Ventilator CK315B, flow 900m3/h, P=200Pa, "OSTBERG"	piece	1.00		
155	Supplier price	Ventilator CK315C, flow 1100m3/h, P=250Pa, "OSTBERG"	piece	1.00		
156	Supplier price	Ventilator CK200A, flow 400m3/h, P=200Pa, "OSTBERG"	piece	2.00		
157	Supplier price	Ventilator for smoke discharge Q=15000m3/h, P=800Pa, type DU KPOB91-090-ДУ400-H-01100/06-Y1	piece	2.00		
158	Supplier price	Air curtain with thermal agent functioning Thermoscreens C2000W NT	piece	4.00		
159	Supplier price	Flame retaining valve PKTM III(60) 160-.20 TPM 080/11 "Mandik"	piece	2.00		
160	Supplier price	Flame retaining valve PKTM III(60) 125-.20 TPM 080/11 "Mandik"	piece	3.00		
161	Supplier price	Smoke discharge shutter-valve OKM 800x400/C/M- .44 "Mandik"	piece	6.00		
162	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	3.00		
		Total Ventilation and air-conditioning system Including salary				
		3.2. Boiler shop				
163	Supplier price	Gas-based boiler for the heating system Q=300kW, N=0.28kW, U=230V in a set with the control block, burner, and internal pumps. WOLF MGK300	set	2.00		

1	2	3	4	5	6	7
164	Supplier price	Expansion vessel V=600l, of WOLF type	piece	2.00		
165	Supplier price	Boiler V=1000 l WOLF	set	3.00		
166	Supplier price	Signaling automation panel of WOLF BM type, completely assembled with all mounting accessories	piece	3.00		
167	Supplier price	Signaling automation panel of WOLF KM type, completely assembled with all mounting accessories	piece	1.00		
168	Supplier price	Signaling automation panel of WOLF MM type, completely assembled with all mounting accessories	piece	2.00		
169	Supplier price	Signaling automation panel of WOLF type, with internet connection, completely assembled with all mounting accessories	piece	1.00		
170	Supplier price	Anti-fire automation panel of SIGNAL1DM SIGNAL2DM type, completely assembled with all mounting accessories	piece	1.00		
171	Supplier price	Pumping group set MEIBES FL-UK with modular adjustment N=0.65kW, U=230V, n=1400-3400 rot/min, Hmax=6.0 m H ₂ O, L=7.0 m ³ /h, with pump WILO STRATOS 25/1-12 PN10	piece	4.00		
172	Supplier price	Pumping group set MEIBES FL-UK with modular adjustment N=0.35kW, U=230V, n=1400-4600 rot/min, Hmax=6.0 m H ₂ O, L=16.0 m ³ /h, with pump WILO STRATOS-Z 40/1-12 PN10	piece	1.00		
173	Supplier price	Circulation pump with modular adjustment N=0.07kW, U=230V, n=2550 rot/min, Hmax=6.0 m H ₂ O, L=5.0 m ³ /h, WILO STAR Z 20/7-3, PN6	piece	1.00		
174	Supplier price	Collector /distributor 3 frames, insulated, MEIBES V150 in a set with the mounting accessories and fittings	piece	1.00		
175	Supplier price	Dynamic pressure equalizer collector, insulated, MEIBES HZW 100/6 in a set with the mounting accessories and fittings	piece	1.00		
176	Supplier price	Stainless steel chimney with insulation D=160 mm, L=5.0 m, in a set with the mounting accessories and fittings	set	2.00		
177	Supplier	Fillet with 3 ways Dn50 with	piece	1.00		

1	2	3	4	5	6	7
	price	servo-engine for the heating system				
178	Supplier price	Filter with grate, sleeves 2"	piece	2.00		
179	Supplier price	Filling in and filtering unit Reflex Fillcontrol Auto Compact + reserve pump at the beneficiary storage	set	1.00		
		Total Boiler shop Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		4. Regulating - launching works				
		4.1. Ventilation and air-conditioning system				
180	VD01B	Verification and launch into operation of the ventilation, air-conditioners and climate maintenance installations over 30 m faucet and over 20 special pieces	piece	3.00		
181	VD01A	Verification and launch into operation of the ventilation, air-conditioners and climate maintenance installations up to 30 m faucet and over 20 special pieces	piece	5.00		
182	VD03B	Adjusting the fan to the ventilation, air conditioning and climate maintenance systems using the adjusting device	piece	2.00		
183	VD03F	Adjusting the fan to the ventilation, air conditioning and climate maintenance systems, through by-pass	piece	8.00		
184	VD03C	Adjusting the fan to the ventilation, air conditioning and climate maintenance systems, through variation of the electrical engine speed	piece	2.00		
		Total Ventilation and air-conditioning system Including salary				
		4.2. Heating system				
185	07-10-012-01	Adjusting the heat consuming system in buildings: heat consumer system in the building, thermal power, Gcal/h, up to 0.2	1 system	1.00		

1	2	3	4	5	6	7
		Total Heating system Including salary				
		4.3. Boiler shop				
186	07-09-002-01	Testing the boilers of hot water and steam and hot water: boiler, heat flow, Gcal/h, over 2 up to 10	piece	2.00		
187	07-04-062-01	Separation installation and expansion vessel for continuous cleaning (separator, heat changer, expansion vessel for continuous cleaning with volume up to 7.5 m3, communications)	piece	3.00		
		Total Boiler shop Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Regulating - launching works Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-6

Electrical power equipment. Indoor electrical lighting (04/2015-4-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	RpCU06A1	Executing the ditches up to 5 cm deep, in brick masonry walls of 5 x 50 cm ² , for mechanized execution	m	360.00		
2	RpCU07D	Making the grooves in walls up to 50 cm ² after installation or consolidations	m	360.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
3	08-03-572-5	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and width, mm, up to 1700x1100 (YBP, BPY, ABP)	piece	3.00		
4	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350 (ИПН, ИМН)	piece	13.00		
5	08-03-521-2	Switcher with lever on a plate with central or lateral trigger or trigger with a bar, mounted on metallic support, mono-pole, power up to 400 A (ИЛ-4)	piece	2.00		
6	08-03-523-2	Safety device, installed on insulating support, electricity up	piece	6.00		

1	2	3	4	5	6	7
		to 250 A (ППНИ-35)				
7	08-03-523-1	Safety device, installed on insulating support, electricity up to 100 A (ППНИ-33)	piece	30.00		
8	08-03-526-3	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 250 (BA88-35)	piece	1.00		
9	08-03-526-2	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 100 (BA88-33, BA47-29, BH32)	piece	6.00		
10	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, ABДТ32, ABДТ34)	piece	126.00		
11	08-03-575-1	Device or appliance dismantled before transportation (impulse relay TL/ТІ, programmable switcher ТЭ-15, button SB-7, relay РЭК78/4)	piece	12.00		
12	08-03-529-1	Continuous power contactor on constructions, electricity up to 160 A (КМИ)	piece	2.00		
13	08-03-534-1	Universal commutator protected from dust and water, assembled on the construction, on the wall or column, the quantity of sections up to 4 (LAY5-BG45)	piece	2.00		
14	08-01-080-2	Device for measurement and protection, quantity connected extremities up to: 6 (ОПІС-4С)	piece	2.00		
15	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	16.00		
16	08-02-410-1	Polyethylene pipe on the floor stand, diameter up to 25 mm	100 m	53.55		
17	Supplier price	PE pipe for electrical fitting d20	m.l.	3 655,00		
18	Supplier price	PE pipe for electrical fitting d25	m.l.	1 700,00		
19	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	5.90		
20	Supplier price	PE pipe for electrical fitting d32	m.l.	250.00		
21	Supplier price	PE pipe for electrical fitting d40	m.l.	330.00		
22	Supplier price	PE pipe for electrical fitting d50	m.l.	10.00		
23	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.20		
24	Supplier	Support frame for 4 modules	set	8.00		

1	2	3	4	5	6	7
	price	assembled on the plastic ditch 150x60 mm				
25	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	4.00		
26	08-02-396- 6	Metallic channel on walls and ceilings, length 3 m	100 m	1.20		
27	Supplier price	Perforated zincked metallic gutter 100x150x3000 mm, CLP10-100- 150-3	m.l.	30.00		
28	Supplier price	Cap for the perforated zincked metallic gutter B=150 mm, CLP1K-150-1	m.l.	30.00		
29	Supplier price	Perforated zincked metallic gutter 100x100x3000 mm, CLP10-100- 100-3	m.l.	10.00		
30	Supplier price	Separating wall for the perforated zincked metallic gutter h=80 mm, CLP1F-080-2	m.l.	40.00		
31	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50- 100-3	m.l.	80.00		
32	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	40.00		
33	08-02-148- 1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	68.10		
34	Supplier price	Cable BBГНГ(A)-HF 2x1.5 mm2	m.l.	100.00		
35	Supplier price	Cable BBГНГ(A)-HF 3x1.5 mm2	m.l.	2 290,00		
36	Supplier price	Cable BBГНГ(A)-HF 3x2.5 mm2	m.l.	1 600,00		
37	Supplier price	Cable BBГНГ(A)-HF 5x2.5 mm2	m.l.	10.00		
38	Supplier price	Cable BBГНГ(A)-HF 5x4 mm2	m.l.	130.00		
39	Supplier price	Cable BBГНГ(A)-HF 5x6 mm2	m.l.	10.00		
40	Supplier price	Cable BBГНГ-LS-0.66 3x1.5 mm2	m.l.	145.00		
41	Supplier price	Cable BBГНГ(A)-FRLSLTx 2x1.5 mm2	m.l.	205.00		
42	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x1.5 mm2	m.l.	965.00		
43	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x2.5 mm2	m.l.	210.00		
44	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x2.5 mm2	m.l.	25.00		
45	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x4 mm2	m.l.	235.00		
46	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x10 mm2	m.l.	105.00		

1	2	3	4	5	6	7
47	Supplier price	Cable КВВГнг 4x1.0 mm2	m.l.	270.00		
48	Supplier price	Cable C2XY-F 5x2.5 mm2	m.l.	200.00		
49	Supplier price	Cable C2XY-F 5x4.0 mm2	m.l.	310.00		
50	08-02-148-2	Cable up to 35 kV in pipes, blocks, and laid cases, mass 1 m up to: 2 kg	100 m	0.10		
51	Supplier price	Cable ВВГнг(А)-HF 5x16 mm2	m.l.	10.00		
52	08-02-148-3	Cable up to 35 kV in pipes, blocks, and laid cases, mass 1 m up to: 3 kg	100 m	0.40		
53	Supplier price	Cable ВВГнг(А)-HF 5x50 mm2	m.l.	40.00		
54	Supplier price	Cable АВВГнг(А)-LSL Тх-1,0 5x95 mm2	m.l.	5.00		
55	Supplier price	Cable АВВГнг(А)-LSL Тх-1,0 5x120 mm2	m.l.	5.00		
56	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm2	100 m	6.00		
57	Supplier price	Thread ПБ 1x4 mm2	m.l.	200.00		
58	Supplier price	Thread ПБ 1x6 mm2	m.l.	400.00		
59	Supplier price	Distribution box for open installation КМ41006 with cover	piece	200.00		
60	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	2.36		
61	Supplier price	Luminescent light fitting OPL/R 4x18, IP20	piece	206.00		
62	Supplier price	Luminescent light fitting OWP/S 4x18, IP54	piece	30.00		
63	Supplier price	Luminescent lamp 18W	piece	944.00		
64	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.53		
65	Supplier price	Luminescent light fitting CD 2x18, IP65	piece	26.00		
66	Supplier price	Compact luminescent lamp 18W	piece	52.00		
67	Supplier price	Luminescent light fitting AOT/OPL 2x18, IP40	piece	14.00		
68	Supplier price	Luminescent light fitting LZ 2x18, IP65	piece	11.00		
69	Supplier price	Luminescent light fitting LZ 2x36, IP65	piece	2.00		

1	2	3	4	5	6	7
70	Supplier price	Luminescent lamp 18W	piece	50.00		
71	Supplier price	Luminescent lamp 36W	piece	4.00		
72	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.07		
73	Supplier price	Light fitting with incandescent lamps 60W, HIII 2604A, IP54	piece	6.00		
74	Supplier price	Light fitting with incandescent lamps 60W, B3Г-60, IP65	piece	1.00		
75	Supplier price	Incandescent lamp 60W	piece	7.00		
76	08-03-596-7	Projector, assembled separately on the steel construction, with the lamp, power, W: 500 (LYRA LED)	100 pieces	0.12		
77	08-03-596-3	Projector, assembled separately on the steel construction, on the roof of the building, with the lamp, power, W: 500 (CDO 01-10 LED)	100 pieces	0.20		
78	08-03-591-2	Switcher with one flap, buried type, in open installation	100 pieces	1.04		
79	Supplier price	One-flap switcher, open installation with appropriate earthing, IP20, 10A, 220V	piece	92.00		
80	Supplier price	Switcher, closed installation, with appropriate earthing, scale type, IP20, 10A, 220V	piece	2.00		
81	Supplier price	Switcher, closed installation, with appropriate earthing, button type, IP20, 10A, 220V	piece	10.00		
82	08-03-591-5	Switcher with two flaps, unburied type, in open installation	100 pieces	0.09		
83	Supplier price	Two-flaps switcher, closed installation with appropriate earthing, IP20, 10A, 220V	piece	9.00		
84	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.18		
85	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	18.00		
86	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	1.54		
87	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V, PC 10-3-KБ	piece	154.00		
88	Supplier price	Horizontal frame 2M	set	6.00		
89	Supplier price	Horizontal frame 3M	set	36.00		
90	Supplier	Horizontal frame 6M	set	1.00		

1	2	3	4	5	6	7
	price					
91	Supplier price	Doses for appliances KM40001	piece	267.00		
92	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.02		
93	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V	piece	2.00		
94	08-03-529-1	Continuous power contactor on constructions, electricity up to 160 A (KMИ)	piece	3.00		
95	08-03-532-4	Command post (switchboard) with buttons, common destination, mounted on construction, wall or column, quantity of the post's elements up to 3	piece	12.00		
96	08-03-603-1	Box with descending transformers	piece	2.00		
97	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.32		
98	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	24.00		
99	Supplier price	Socket for the telephone network, IP20	piece	4.00		
100	Supplier price	Socket for the computer network, IP20	piece	4.00		
101	08-03-545-1	Box with clips for cables and leads, sections up to 6 mm ² , mounted on the wall or column construction, quantity of clips: 10 (Legrand)	piece	2.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
102	Supplier price	Metal case for installation of electrical accessories, IP54, with the following dimensions: 1400x900x300 mm, in set with insulators, rails, bars, locks with keys	piece	2.00		
103	Supplier price	Metal case for installation of electrical accessories, IP54, with the following dimensions: 1800x600x450 mm, in set with insulators, rails, bars, locks with	piece	1.00		

1	2	3	4	5	6	7
		keys				
104	Supplier price	Case mounted on the wall ЩРН-243-0-74-Y2, IP54	piece	6.00		
105	Supplier price	Case mounted on the wall ЩРН-363-0-74-Y2, IP54	piece	5.00		
106	Supplier price	Case mounted on the wall ЩМП-1-0 74 Y2, IP54	piece	2.00		
107	Supplier price	Switch with lever ПЦ-4, 3P, 400A	piece	2.00		
108	Supplier price	Safety ППНИ-35, In=200A	set	3.00		
109	Supplier price	Safety ППНИ-35, In=160A	set	3.00		
110	Supplier price	Fusible safety support ДП-35	piece	6.00		
111	Supplier price	Safety ППНИ-33, In=16A	set	8.00		
112	Supplier price	Safety ППНИ-33, In=20A	set	1.00		
113	Supplier price	Safety ППНИ-33, In=25A	set	15.00		
114	Supplier price	Safety ППНИ-33, In=32A	set	3.00		
115	Supplier price	Safety ППНИ-33, In=63A	set	3.00		
116	Supplier price	Fusible safety support ДП-33	piece	30.00		
117	Supplier price	Automaton ВА88-35 3P, 250A, 35kA with electronic trigger MP211	piece	1.00		
118	Supplier price	Automaton ВА88-33, 3P, 100A	piece	2.00		
119	Supplier price	Automaton ВА47-29М, 3P, 40A, °C°	piece	2.00		
120	Supplier price	Power switch ВН-32, 3P, 63A	piece	1.00		
121	Supplier price	Power switch ВН-32, 3P, 32A	piece	1.00		
122	Supplier price	Automaton ВА47-29М, 3P, 16A, °C°	piece	6.00		
123	Supplier price	Automaton ВА47-29М, 3P, 10A, °B°	piece	1.00		
124	Supplier price	Automaton ВА47-29М, 1P, 06A, °C°	piece	5.00		
125	Supplier price	Automaton ВА47-29М, 1P, 10A, °C°	piece	1.00		
126	Supplier price	Automaton ВА47-29М, 1P, 06A, °B°	piece	40.00		
127	Supplier price	Automaton ВА47-29М, 1P, 16A, °B°	piece	1.00		
128	Supplier price	Power switch ВН-32, 3P, 16A	piece	5.00		
129	Supplier price	Power switch ВН-32, 3P, 25A	piece	6.00		
130	Supplier price	Automaton АВДТ32, C06, 30МА	piece	21.00		

1	2	3	4	5	6	7
131	Supplier price	Automaton АВДТ32, C10, 30мА	piece	24.00		
132	Supplier price	Automaton АВДТ32, C16, 30мА	piece	10.00		
133	Supplier price	Automaton АВДТ34, C16, 30мА	piece	6.00		
134	Supplier price	Impulse relay of type TL/Tl 2P, 16A, 220V	piece	4.00		
135	Supplier price	Timer ТЭ15	piece	2.00		
136	Supplier price	Button SB-7 "STOP"	piece	4.00		
137	Supplier price	Intermediary relay РЭК 78/4	piece	2.00		
138	Supplier price	Contractor КМИ 11810, 18A, 230 V	piece	1.00		
139	Supplier price	Circuit closer КМИ 10910, 9A, 230V	piece	1.00		
140	Supplier price	Commutator LAY5-BG45 with key BSW80-BG-2-K02	piece	2.00		
141	Supplier price	Protection for over-pressure ОПС1-C/4P	piece	2.00		
142	Supplier price	Lighting fitting with autonomous power source 1.0 hour, 2W, indicating the exit flow movement, of type LIRA 4223-4 LED	piece	12.00		
143	Supplier price	Projector LED СДО 01-10, IP65	piece	20.00		
144	Supplier price	Circuit closer КМИ 10960, 9A, IP54	piece	1.00		
145	Supplier price	Circuit closer КМИ 34062, 40A, IP54	piece	2.00		
146	Supplier price	Switchboard with one button КП101	piece	12.00		
147	Supplier price	Button SB-7 "STOP"	piece	10.00		
148	Supplier price	Command buttons APBB-22N	piece	2.00		
149	Supplier price	Transformation Box ЯТП-250-220/12	piece	2.00		
150	Supplier price	Legrand panel assembled in the flooring no. cat. 0 896 34 + no. cat. 0 896 35	set	2.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

1	2	3	4	5	6	7
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Form No. 1
WinCmeta

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-7
Internal water supply and sewerage networks (04/2015-4-RAC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Aqueduct				
1	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 20x2.1 mm	m	85.00		
2	SA37B	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 3/4"	piece	104.00		
3	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=20x9 mm Small material = 1.050	m	85.00		
4	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 25x2.5 mm	m	60.00		
5	SA37C	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 1"	piece	24.00		
6	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=25x9 mm	m	60.00		

1	2	3	4	5	6	7
		Small material = 1.050				
7	SA03B	Galvanized steel tube for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 3/4" (see fittings 04/2015-4-RAC.SU) Small material (hemp tows, minium primer) = 1.030	m	10.00		
8	SA03C	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 1" (see fittings 04/2015-4-RAC.SU) Small material (hemp tows, minium primer) = 1.025	m	20.00		
9	SA03D	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 1 1/4" (see fittings 04/2015-4-RAC.SU) Small material (hemp tows, minium primer) = 1.025	m	40.00		
10	SA03F	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 2" (fittings 04/2015-4-RAC.SU) Small material (hemp tows, minium primer) = 1.020	m	30.00		
11	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc)=1,050	kg	12.00		
12	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 65 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
13	SD12B	Non-return valve for connection with threaded sleeves, with the diameter 1 1/4" Small materials (hemp tows, lead minium primer) = 1.015	piece	1.00		
14	SD07A	Passing tap with valve and plug with the diameter of 1/2" Small material (hemp tows, minium primer, etc.) = 1.020	piece	1.00		
15	SD04A	The static mixing battery with swinging boom for the washbasin or sink, regardless of the switch-	piece	2.00		

1	2	3	4	5	6	7
		off model, including for disable people, with the diameter of 1/2"				
16	SD07A	Passing tap with valve and plug with the diameter of 1/2" Small material (hemp tows, minium primer, etc.) = 1.020	piece	40.00		
17	SD07B	Passing tap with valve and plug with the diameter of 3/4" Small material (hemp tows, minium primer, etc.) = 1.020	piece	20.00		
18	SD07C	Passing tap with valve and plug with the diameter of 1" Small material (hemp tows, minium primer, etc.) = 1.020	piece	2.00		
19	SD07D	Passing tap with valve and plug with the diameter of 1 1/4" Small material (hemp tows, minium primer, etc.) = 1.020	piece	6.00		
20	SD07E	Passing tap with valve and plug with the diameter of 1 1/2" Small material (hemp tows, minium primer, etc.) = 1.015	piece	2.00		
21	SD07F	Passing tap with valve and plug with the diameter of 2" Small material (hemp tows, minium primer, etc.) = 1.015	piece	8.00		
22	SD07A	Spherical tap with sleeve with the diameter 1/2" Small material (hemp tows, minium primer, etc.) = 1.020	piece	44.00		
23	CN23A	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter up to 34 mm inclusively	m	70.00		
24	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter over 34 mm inclusively	m2	4.71		
25	IzH22A	Insulation of pipes with mineral wool shells HERLAN Lam, with aluminum or similar foils, with thickness of 40 mm	m2	14.00		
26	IA18B	Refined fittings for the central heating boilers: hydrometer or manometer with control tap	piece	1.00		
27	SF01C	Performing the sealing pressure test for the installation of hot or cold water, executed on the hard-type polyvinyl chloride pipes, having the diameter of 16-110 mm	m	145.00		
28	SF02C	Operational test for cold water	m	14.50		

1	2	3	4	5	6	7
		installation performed with the pipe from hard-type polyvinyl chloride or plastic, having the diameter of 16-110 mm				
29	SF05C	Washing up the hot and cold water installation, executed from plastic pipes, with the diameter of 20-75 mm	m	145.00		
30	SF01A	Performing the sealing pressure test for the installation of hot or cold water, executed on zincate steel pipes, for installations welded longitudinally, having the diameter of 3/8"-2"	m	100.00		
31	SF02A	Operational test for cold water installation performed with galvanized steel pipes for installations welded longitudinally, with the diameter 3/8"-2"	m	10.00		
32	SF05A	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 3/8"-2"	m	100.00		
		Total Aqueduct Including salary				
		1.2. Anti-fire aqueduct				
33	SD07F	Passing tap with valve and plug with the diameter of 2" Small material (hemp tows, minium primer, etc.) = 1.015	piece	1.00		
34	SA05A	Galvanized steel tube for installations, installed in columns for internal hydrants, in industrial constructions and residential buildings and social-cultural buildings, with the diameter 2" Small material (steel wire)=1.010	m	80.00		
35	SA35A1	T-bend from soft cast iron, mounted by screwing on steel pipes for galvanized installations, on columns for internal hydrants, the pipe having the diameter of 2 " Small material (hemp tows, minium primer) = 1.010	piece	8.00		
36	SA35A	Bend from soft cast iron, mounted by screwing on steel pipes for galvanized installations, on columns for internal hydrants, the pipe having the diameter of 2 " Small material (hemp tows, minium primer) = 1.010	piece	17.00		
37	AcA53A	Combining through electro-fusion	piece	1.00		

1	2	3	4	5	6	7
		welding the pipe and the fitting (steel reduction x PE) from polyethylene, the pipes having the diameter 2"x63 mm.				
38	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter over 34 mm inclusively	m2	12.56		
39	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc)=1,050	kg	8.00		
40	IA18B	Refined fittings for the central heating boilers: hydrometer or manometer with control tap	piece	1.00		
41	SF01A	Performing the sealing pressure test for the installation of hot or cold water, executed on zincate steel pipes, for installations welded longitudinally, having the diameter of 3/8"-2"	m	80.00		
42	SF02A	Operational test for cold water installation performed with galvanized steel pipes for installations welded longitudinally, with the diameter 3/8"-2"	m	8.00		
43	SF05A	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 3/8"-2"	m	80.00		
		Total Anti-fire aqueduct Including salary				
		1.3. Sewerage				
44	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	1.40		
45	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand	m3	0.60		
46	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made	m3	0.80		

1	2	3	4	5	6	7
		with ground came from middle fields				
47	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.25		
48	SB08C	Plastic sewer pipe , combined with rubber case, surface-mounted or buried under the floor, having a diameter of 50 mm	m	40.00		
49	SB08E	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 110 mm	m	110.00		
50	SB01C1	Iron tubes for sewerage, surface-mounted or buried in the ground, sealed with white rope and cement, having a nominal diameter of 100 mm Small materials (steel wire, concrete steel, gypsum, etc.) = 1.040	m	30.00		
51	SB09E	Plastic refit for sewerage, combined with rubber fitting, with the diameter 110 mm	piece	10.00		
52	SB10C	The linking piece from plastic (simple ramification D50) for sewerage, combined with rubber case, having a diameter of 50 mm	piece	12.00		
53	SB10E	Installing the linking piece from plastic (simple ramification D110) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	42.00		
54	SB10E	The linking piece from plastic (simple ramification D110x50) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	15.00		
55	SB11C	The linking piece (cross) from plastic for sewerage, combined with rubber case, having a diameter of 110 mm	piece	6.00		
56	SB09E	Plastic refit for sewerage, combined with rubber fitting, with the diameter 110x50 mm	piece	13.00		
57	SB09E	The cleaning piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm, V=0.04m3	piece	4.00		

1	2	3	4	5	6	7
58	SB09C	Plastic T-bend for sewerage, combined with rubber case, with the diameter of 50 mm, 45"	piece	30.00		
59	SB09E	Plastic T-bend for sewerage, combined with rubber, with the diameter of 110 mm, 45"	piece	34.00		
60	SA40A	Installation of anti-fire sleeves by fixing them to the floor cover with dowels	piece	10.00		
61	SB09E	Air clack valve for sewerage, combined with rubber fitting, with the diameter 110 mm	piece	1.00		
62	SB07E	Installing a PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 110 mm	piece	15.00		
63	SB07C	PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 50 mm	piece	25.00		
64	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc.)=1,050	kg	12.00		
65	SF04A	Performing the leak test and operation of sewerage pipes made of cast iron pipes for drain, polyvinyl chloride and non-plasticized tubes of light type or plastic, the iron pipe having a diameter up to 100 mm inclusively	m	18.00		
66	SC07B	Closet reservoir, completely equipped, from sanitary semi-porcelain or porcelain etc. including for disabled people, placed on the floor, with the water reservoir mounted at a certain height or semi-height, with the P-type internal siphon Small materials (wooden dowels, gypsum, holtscrows, adhesive, dichloroethane, etc.) = 1.050	piece	18.00		
67	SC07A1	The closet reservoir, completely equipped, from sanitary semi-porcelain or porcelain etc. including for disabled people, placed on the floor, with the water reservoir mounted at a certain height or semi-height, with the S-type internal draintrap Small materials (wooden dowels, gypsum, holtscrows, adhesive, dichloroethane, etc.) = 1.030	piece	1.00		
68	SC04C	Sink from sanitary semi-porcelain	piece	19.00		

1	2	3	4	5	6	7
		or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a stand Small materials (wooden dowel, gypsum, adhesive etc.) = 1.020				
69	SC04C	Sink from sanitary semi-porcelain or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a stand (angular) Small materials (wooden dowel, gypsum, adhesive etc.) = 1.020	piece	4.00		
70	SD04A	Mounting the static mixing battery with swinging boom for the washbasin or sink, regardless of the switch-off model, including for disable people, with the diameter of 1/2"	piece	23.00		
71	SC13A	Sanitary mirror from semi-crystal with ground edges, having the size 400 x 500 x 600 mm, mounted in the wall of bricks or autoclaved aerated concrete Small materials (dowels, gypsum, etc.) = 1.020	piece	23.00		
72	SC09A	Sanitary porcelain urinary mounted in the wall of bricks or autoclaved aerated concrete Small materials (wooden dowels, gypsum, holtscrews, adhesive, dichloroethane, etc.) = 1.020	piece	2.00		
73	SC10B	Semi-porcelain bidet, sanitary porcelain with or without shower equipped with mixer Small materials (wooden dowels, gypsum, holtscrews, adhesive, dichloroethane, etc.) = 1.020	piece	2.00		
74	SB28B	Polypropylene floor syphon, with galvanized steel grid, having the exit diameter of 110 mm. Small materials (cement, sand, water, etc.) = 1.010	piece	1.00		
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				

1	2	3	4	5	6	7
		2.1. Aqueduct				
75	SE58B	Meters for hot and cold water, diameter - 40 ... 50 mm Small materials (hemp tows, minium primer, etc.) = 1.010	piece	1.00		
76	AcB01A	Assembling the fitting with manual or mechanic triggering (pivotal flap) on the water supply or sewerage pipes, with the diameter 65 mm Small materials and assembling (fitting, screws, etc.) = 1.040	piece	1.00		
77	AcB09A	Assembling devices for electrical triggering of fillets Small materials (electricity conductors, tin, cable ditch, etc.) = 1.030	piece	1.00		
78	SE57A	Preparing device for hot waste water, functioning with heating agent of hot water of 70-90 degrees C, having the capacity up to 1000l	piece	2.00		
79	08-03-602-1	Heating appliances: electrical part	piece	2.00		
80	SE56A	Filter for drinking water, with threaded sleeves to be installed on the pipe, with the diameter 1" - 2" Small materials (hemp tows, lead minium primer, etc.) = 1.010	piece	1.00		
		Total Aqueduct Including salary				
		2.2. Anti-fire aqueduct				
81	SD17B	Internal hydrant, for buildings, with diameter 2", mounted on wall (with case and frame) Small materials (hemp tows, lead minium primer, gypsum, etc.) = 1.050	piece	9.00		
		Total Anti-fire aqueduct Including salary				
		2.3. Sewerage				
82	SC06A1	Sink with dropping vessel (with 2 compartments) for stainless steel dishes, with the sewerage pipe of plastic material, mounted on a console on walls of brick masonry Small materials (wooden dowels, gypsum, holtscrows, adhesive, degreasing, etc.) = 1.030	piece	1.00		
83	SC02A	Shower bath from enameled cast iron, enameled tin, polymetacryl, etc. Small materials (adhesive, dichloroethane, wipers, etc.) =1,030	piece	8.00		

1	2	3	4	5	6	7
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. Aqueduct				
84	Supplier price	Ultrasound meter for cold water Dn=32 mm, FLOW IQ 3100; 031-46-COJ-8XX	piece	1.00		
85	Supplier price	Pivoting clap SYLAX DN65 with Belimo electrical triggering device	piece	1.00		
86	Supplier price	Electrical preparation of hot water V=80 l	piece	2.00		
87	Supplier price	Filter with grate, sleeves 1 1/4"	piece	1.00		
		Total Aqueduct Including salary				
		3.2. Anti-fire aqueduct				
88	Supplier price	Anti-fire hydrant Dn=2"	piece	9.00		
89	Supplier price	Anti-fire hydrant hose dn=2", L=20m	piece	9.00		
90	Supplier price	Hose connection nozzle ГР-50	piece	18.00		
91	Supplier price	Connection nozzle ГМ-50	piece	9.00		
92	Supplier price	Anti-fire nozzle cap PC-50	piece	9.00		
93	Supplier price	Anti-fire case 650x250x1600 (h)	piece	9.00		
94	Supplier price	Extinguisher ОП-5	piece	18.00		
		Total Anti-fire aqueduct Including salary				
		3.3. Sewerage				
95	Supplier price	Stainless steel washer with 2 compartments for dishes	piece	1.00		
96	Supplier price	Shower cabin 900x900 mm equipped with syphon and flexible water mixer	piece	6.00		
97	Supplier	Shower cabin 900x900 mm,	piece	2.00		

1	2	3	4	5	6	7
	price	angular, equipped with syphon and flexible water mixer				
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-8
Indoor low current system. Phase 1 (04/2015-4-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	25.50		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	20.20		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.50		
4	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	1.50		
5	Supplier price	Sand for territory planning	m3	5.30		
6	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	200.00		
7	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works				

1	2	3	4	5	6	7
		Including salary				
		2. Mounting works				
8	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	78.00		
9	Supplier price	PVC corrugated pipe d16	m.l.	7 800,00		
10	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x50 mm with separating wall of DLP Legrand type	100 m	1.20		
11	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2	100 m	83.00		
12	Supplier price	Cable UTP5e 4x2x0.5	m.l.	6 600,00		
13	Supplier price	Cable UTP6e 4x2x0.5	m.l.	1 700,00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		Total estimate: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-10
Indoor video control system Phase 1 (04/2015-4-CV)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	6.15		
2	Supplier price	PVC corrugated pipe d16	m.l.	615.00		
3	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	6.54		
4	Supplier price	Cable UTP6e 4x2x0.5 (outdoor cable)	m.l.	654.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 2-1-12 Access Control System. Phase 1 (04/2015-4-SCA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	4.30		
2	Supplier price	Cable КПСЭНГ(А)-FRHF-2x2x0.20	m.l.	260.00		
3	Supplier price	Cable UTP5e 4x2x0.5	m.l.	170.00		
4	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm ²	100 m	1.10		
5	Supplier price	Cable ББГНГ(А)-FRHF 3x1.0 mm ²	m.l.	110.00		
6	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	4.10		
7	Supplier price	PVC corrugated pipe d16	m.l.	350.00		
8	Supplier price	PVC pipe for electrical fitting d16	m.l.	60.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works				

1	2	3	4	5	6	7
		Including salary				
		Total estimate: Including salary				

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Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 2-1-14
Fire fighting equipment. Phase 1 (04/2015-4-SI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	15.10		
2	Supplier price	Cable UTP5e 4x2x0.5	m.l.	110.00		
3	Supplier price	Cable КПСЭНГ(А)-FRHF-2x2x0.20	m.l.	1 400,00		
4	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm ²	100 m	3.30		
5	Supplier price	Cable ББГНГ(А)-FRHF 3x1.0 mm ²	m.l.	330.00		
6	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	9.50		
7	Supplier price	PVC corrugated pipe d16	m.l.	950.00		
8	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 80x50 mm with separating wall of DLP Legrand type	100 m	0.80		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works				

1	2	3	4	5	6	7
		Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-16
Internal gas supply. (04/2015-4-AGI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	IC28G	Longitudinally welded or without any welding black steel pipe, for constructions, assembled by welding to the distribution pipes, in gas installations for social-cultural and residential buildings, the pipe having the external diameter and thickness of the wall of 125 x 4.5 mm	m	3.50		
2	IC28B	Longitudinally welded or without any welding black steel pipe, for constructions, assembled by welding to the distribution pipes, in gas installations for social-cultural and residential buildings, the pipe having the external diameter and thickness of the wall of 65x4.0 mm	m	30.00		
3	IC26D	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 40x3.5 mm	m	3.00		
4	IC26C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 32x3.2 mm	m	25.00		
5	IC26A	Longitudinally welded black steel	m	14.00		

1	2	3	4	5	6	7
		pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 20x2.8 mm				
6	IC26A	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 15x2.8 mm	m	3.00		
7	GD05A	Steel bend 90°, assembled on pipes through welding, having Dn 2 1/2"; 65x4.0 mm	piece	9.00		
8	GD05A	Steel bend 90°, assembled on pipes through welding, having Dn 1 1/4"; 32x3.2 mm	piece	6.00		
9	GD08D	Bellied cap of welded steel board, for pipes, having Dn 125 mm	piece	1.00		
10	GD05B	Welding curve (steel reduction) assembled on pipes, having D125x4.5/65x4.0 mm	piece	1.00		
11	GE05A	Steel flange Pn 10-25, electrically welded on pipes, with Dn: -65x4.0 mm	piece	1.00		
12	GD02C	Steel pipe without welding, for derivations, having the Dn 1 1/2" (protection tube)	m	0.50		
13	GD02F	Steel pipe without welding, for derivations, having the Dn 4" (protection tube)	m	0.50		
14	AcF13A	Embedding the heads with bitumen and bituminous tows on the protective tubes with diameters: up to 150 mm Small materials (support gussets, wooden stoppers)=1.001	piece	2.00		
15	ID11A	Tap with plug (cup) with ends to connect the rubber tube, for gas installations, having a nominal diameter of 1/2" 11Б126к	piece	3.00		
16	ID10B	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations, having a nominal diameter of 3/4" 11Б126к	piece	3.00		
17	ID10D	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations, having a nominal diameter of 1	piece	2.00		

1	2	3	4	5	6	7
		1/4" 11Б27П				
18	ID10D	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations , having a nominal diameter of 1 1/2" 11Б27П	piece	2.00		
19	ID10F	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations , having a nominal diameter of 2 1/2" 11Б27П	piece	2.00		
20	IC42A	Supporters and devices to support the tubes, boilers, appliances and recipients, with the weight up to 2 kg / piece (installing the tube on the wall)	kg	9.20		
21	IC42A	Supporters and devices to support the tubes, boilers, appliances and recipients, with the weight up to 2 kg / piece (installing the tube on the ceiling)	kg	0.55		
22	IC42C	Supporters and devices to support the tubes, boilers, appliances and recipients, with the weight between 11 - 30 kg / piece (installing the tube on pillars)	kg	25.65		
23	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.035		
24	CN23A	Paintings of superior quality of the functional installations, executed with oil-based paint on pipes with the exterior diameter up to 34 mm inclusively	m	42.00		
25	CN23B1	Paintings of ordinary quality of the functional installations, executed with oil-based paint on pipes with the exterior diameter over 34 mm inclusively	m2	7.89		
26	IE06A	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, diameter up to 1"	m	17.00		
27	IE06B	Preliminary pressure verification	m	61.50		

1	2	3	4	5	6	7
		of the mounted gas pipes, including of the taps, without meters and usage devices, diameter over 1"				
28	IE07A	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter up to 1", inclusively	m	17.00		
29	IE07B	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter over 1"	m	61.50		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
30	ID13C	Thermal-blocking clack with valves KT3-001-32, installed on the gas pipes, having the nominal diameter 1 1/4"	piece	1.00		
31	ID13C	Thermal-blocking clack with valves KT3-001-40, installed on the gas pipes, having the nominal diameter 1 1/2"	piece	2.00		
32	11-03-011-02	Devices for testing the physical-chemical content of substances: device, complexity category: II.	set	1.00		
33	11-02-042-05	Valves and dampers with triggering lever: control tap, conventional passage diameter, mm: 65	piece	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
34	Supplier price	Thermo-blocking valve KT3-001 Dc32	piece	1.00		

1	2	3	4	5	6	7
35	Supplier price	Thermo-blocking valve KT3-001 Dc40	piece	2.00		
36	Supplier price	Gas detector CH4, CO CГБ-1-2E	piece	1.00		
37	Supplier price	Blocking clack Dc65 “normally closed”	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 2-1-17
Active lighting protection (04/2015-4-EEF/EEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	17.96		
2	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.018		
3	TsA01B1	Manual digging of soil in wide spaces, excavating, open ditches, borrowing holes, for removing the vegetative layer of 10-30 cm, in soil with natural humidity, throwing in the storage or in the vehicle at a height of H< 0.60 m, in middle soil	m3	1.10		
4	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	1.10		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			

1	2	3	4	5	6	7
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
5	08-01-066-1	Lightning conductor, pressure up to 10 kV	set	1.00		
6	08-02-472-6 F	Grounding conductor, open, on construction supports, from steel strips from PURE COPPER (not coppery), section 30x3.0 mm ² Consumption band 82.66 kg/100 m.l.; consumption clamps for fixing - 120 pieces/100 m.l.	100 m	0.60		
7	08-01-080-1	Device for measurement and protection, quantity connected extremities up to: 2	piece	1.00		
8	08-02-396-5	Metallic channel on walls and ceilings, length 2 m	100 m	0.02		
9	Supplier price	Pressed metal channel 50x50 mm, CLN10-050-050-3 with led CLP1K-050-1	m	2.00		
10	08-01-042-1	Support insulator, pressure 35 kV	set	2.00		
11	08-02-471-4 F	Ground plate, vertical, from round steel, from PURE COPPER (not glazed) diameter 20 m, L=6.0 m Consumption of steel for 10 plates = 168.8 kg/10 pieces	10 pieces	0.60		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
12	Supplier price	Active lighting protection of type S-DAS from stainless steel "ESE SCHIRTEC"	set	1.00		
13	Supplier price	Meter for lighting action of S.L.S.C. type "ESE SCHIRTEC"	set	1.00		
14	Supplier price	Special clamps for grounding with tar filling	set	6.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				

1	2	3	4	5	6	7
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 3-1
Control post at entrance to BCP
(04/2015 - 1a, 1b)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-1-1
Architectural solutions (04/2015-1A-SA; 04/2015-1B-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Position 1A				
		1.1. Closings and compartments				
1	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 2	t	0.027		
2	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.027		
3	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with	m2	14.50		

1	2	3	4	5	6	7
		density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² °C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
4	CD73A	Walls of light plates, 40 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² °C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m ²	2.60		
		Total Closings and compartments Including salary				
		1.2. Roof				
5	CL26A	Ready-made metallic frames PM-1	kg	2.25		
6	CP18A	Welding on the edge the overlapped steel plates, with thickness of 5-7 mm inclusively	m	0.72		
7	CE41A	Assembling spars section 50x100 mm with antiseptic treatment	m ³	0.10		
8	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m ³	0.10		
9	CE17A	Diffusion membrane layer of 100 gr/m ² mounted under the cover layer Small material = 1.030	m ²	8.80		
10	CE30A	Covers or valley roof covering from roofing tiles, Eternit type plates from rough wood planks (25 mm thick), in ordinary construction. Standard 0.0179 m ³ /m ²	m ²	8.80		
11	CN51E	Antiseptic treatment of the carpentry, on apparent areas with antiseptic paste: coating the beams	100 m ²	0.088		
12	CN50C	Fireproofing treatment of the carpentry, stove-based screen for coverings and revetment.	100 m ²	0.088		
13	CE07A	Covering from imprinted board	m ²	8.80		

1	2	3	4	5	6	7
		plates C21-1000-0.6 RAL7024 for covering the roofs Small material = 1.050				
14	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL9010 for covering the roofs Small material = 1.050	m2	3.60		
15	CE06A1	Anticorrosive protected and profiled board covers RAL9010, wrinkled, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to baskets etc. Small materials (material for gluing the board) = 1.050	m2	3.12		
16	CE24I	Anticorrosive protected board cap, 0.5 mm thick Small materials (coal, hard water) = 1.030	piece	1.00		
17	CK26D	Casing assembled to the roof from anti-corrosive protected board (snow stoppers)	m	8.00		
		Total Roof Including salary				
		1.3. Internal finishing works				
		1.3.1. Finishing the ceiling				
18	IzF14D	Sound-insulating layer on ceilings executed of plates of mineral wool with density of 50 kg/m3, h=80 mm, simply laid on the suspended ceiling back	m2	5.00		
19	CE17A	Layer of vapors' barrier 96 gr/m2 assembled under the covering layer Small material = 1.030	m2	5.00		
20	CN50C	Fireproofing treatment of the carpentry, stave-based screen for coverings and revetment.	100 m2	0.05		
21	CK51A	Lining up the ceiling with simple plasterboard plates, thickness 12,5 mm, on pine wood skeleton with antiseptic treatment, fixed directly to the rafters for the attic: flat surfaces of ceilings	m2	5.00		
22	CN53A	Coating the internal surfaces of the walls and ceilings	m2	5.00		
23	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling,	m2	5.00		

1	2	3	4	5	6	7
		walls and columns' areas. Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000				
24	CF56A	Manual application of the putty for interior works "Mesterul Manole" thickness 0,5 mm on the areas of walls, columns, and ceilings	m2	5.00		
25	CN53A	Coating the internal surfaces of the walls and ceilings	m2	5.00		
26	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	5.00		
		Total Finishing ceilings Including salary				
		1.3.2. Flooring				
27	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	0.84		
28	TsC54C	Foundation layer from limestone gravel fr. 20-40 mm	m3	0.34		
29	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	4.20		
30	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-4.20		
31	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates D=35kg/m3, thickness 50 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	4.20		
32	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	4.20		
33	CN53A	Coating the internal surfaces of the walls and ceilings	m2	4.20		
34	CG47C	Ceramic tile floors with	m2	4.20		

1	2	3	4	5	6	7
		roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010				
		Total Flooring Including salary				
		Total Internal finishing works Including salary				
		1.4. Carpentry				
35	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-1) RAL 5010	m2	2.23		
36	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-2) RAL 5010	m2	2.14		
37	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4-24-4 mm, including the casement and the necessary accessories for assembling doors, in one wing, (door handle, lock) (U-1) RAL5010	m2	1.60		
38	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates, including the casement and the necessary accessories for assembling doors (door handle, lock) in one leaf (U-2) RAL5010	m2	1.29		
		Total Carpentry Including salary				
		1.5. Facade				
39	CD07B	Walls made of impregnate board plates C21-1000-0.6 RAL 7024, folded, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	4.00		
40	CE06A1	Anticorrosive protected and profiled board covers RAL7024, wrinkled, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of	m2	0.94		

1	2	3	4	5	6	7
		<p>profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc.</p> <p>Small materials (material for gluing the board) = 1.050</p>				
		Total Facade Including salary				
		1.6. Different works				
		1.6.1. Organization				
41	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively	m2	15.20		
42	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	47.50		
43	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	27.01		
44	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	5.84		
45	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	0.73		
46	DE18A	Pavement made of precast concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embroidered with dry mixture of cement and sand, 5 cm thick layer	m2	73.00		
		Total Organization Including salary				
		1.6.2. Protection blocks				
47	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m	m3	0.30		

1	2	3	4	5	6	7
		middle ground				
48	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	5.25		
49	CC03A	Assembling welded meshes BP-1 d5 100x100 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	10.80		
50	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	0.90		
51	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	3.50		
		Total Protection blocks Including salary				
		1.6.3. Rebate				
52	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	3.70		
53	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	0.33		
54	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	0.07		
55	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	1.00		

1	2	3	4	5	6	7
56	CI24A	Plating the steps with ceramic-granite tiles, bonded with glue, with thickness under 15 mm	m2	3.00		
57	CK18C	Assembling the rods to the aluminum plates	m	5.00		
		Total Rebate Including salary				
		Total Different works Including salary				
		Total Position 1A Including salary				
		2. Position 1B				
		2.1. Closings and compartments				
58	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 2	t	0.027		
59	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.027		
60	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal transfer coefficient 0.022 W/m²C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m2	14.50		
61	CD73A	Walls of light plates, 40 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal	m2	2.60		

1	2	3	4	5	6	7
		transfer coefficient 0.022 W/m²C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
		Total Closings and compartments Including salary				
		2.2. Roof				
62	CL26A	Ready-made metallic frames PM-1	kg	2.25		
63	CP18A	Welding on the edge the overlapped steel plates, with thickness of 5-7 mm inclusively	m	0.72		
64	CE41A	Assembling spars section 50x100 mm with antiseptic treatment	m3	0.10		
65	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	0.10		
66	CE17A	Diffusion membrane layer of 100 gr/m2 mounted under the cover layer Small material = 1.030	m2	8.80		
67	CE30A	Covers or valley roof covering from roofing tiles, Eternit type plates from rough wood planks (25 mm thick), in ordinary construction. Standard 0.0179 m3/m2	m2	8.80		
68	CN51E	Antiseptic treatment of the carpentry, on apparent areas with antiseptic paste: coating the beams	100 m2	0.088		
69	CN50C	Fireproofing treatment of the carpentry, stove-based screen for coverings and revetment.	100 m2	0.088		
70	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL7024 for covering the roofs Small material = 1.050	m2	8.80		
71	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL9010 for covering the roofs Small material = 1.050	m2	3.60		
72	CE06A1	Anticorrosive protected and profiled board covers RAL9010, wrinkled, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical	m2	3.12		

1	2	3	4	5	6	7
		screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050				
73	CE24I	Anticorrosive protected board cap, 0.5 mm thick Small materials (coal, hard water) = 1.030	piece	1.00		
74	CK26D	Casing assembled to the roof from anti-corrosive protected board (snow stoppers)	m	8.00		
		Total Roof Including salary				
		2.3. Internal finishing works				
		2.3.1. Finishing the ceiling				
75	IzF14D	Sound-insulating layer on ceilings executed of plates of mineral wool with density of 50 kg/m3, h=80 mm, simply laid on the suspended ceiling back	m2	5.00		
76	CE17A	Layer of vapors' barrier 96 gr/m2 assembled under the covering layer Small material = 1.030	m2	5.00		
77	CN50C	Fireproofing treatment of the carpentry, stave-based screen for coverings and revetment.	100 m2	0.05		
78	CK51A	Lining up the ceiling with simple plasterboard plates, thickness 12,5 mm, on pine wood skeleton with antiseptic treatment, fixed directly to the rafters for the attic: flat surfaces of ceilings	m2	5.00		
79	CN53A	Coating the internal surfaces of the walls and ceilings	m2	5.00		
80	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 1,0 mm on the ceiling, walls and columns' areas. Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	5.00		
81	CF56A	Manual application of the putty for interior works "Mesterul Manole" thickness 0,5 mm on the areas of walls, columns, and ceilings	m2	5.00		
82	CN53A	Coating the internal surfaces of the walls and ceilings	m2	5.00		
83	CN06A	Interior painting with paints based on vinyl copolymers in water	m2	5.00		

1	2	3	4	5	6	7
		emulsion, applied in 2 layers on the existing fillings, executed manually.				
		Total Finishing ceilings Including salary				
		2.3.2. Flooring				
84	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	0.84		
85	TsC54C	Foundation layer of limestone gravel fr. 20-40 mm	m3	0.34		
86	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	4.20		
87	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-4.20		
88	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates D=35kg/m3, thickness 50 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	4.20		
89	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	4.20		
90	CN53A	Coating the internal surfaces of the walls and ceilings	m2	4.20		
91	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	4.20		
		Total Flooring Including salary				
		Total Internal finishing works Including salary				
		2.4. Carpentry				

1	2	3	4	5	6	7
92	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-1) RAL 5010	m2	2.23		
93	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-2) RAL 5010	m2	2.14		
94	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4-24-4 mm, including the casement and the necessary accessories for assembling doors, in one wing, (door handle, lock) (U-1) RAL5010	m2	1.60		
95	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates, including the casement and the necessary accessories for assembling doors (door handle, lock) in one leaf (U-2) RAL5010	m2	1.29		
		Total Carpentry Including salary				
		2.5. Facade				
96	CD07B	Walls made of impregnate board plates C21-1000-0.6 RAL 7024, folded, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	4.00		
97	CE06A1	Anticorrosive protected and profiled board covers RAL7024, wrinkled, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050	m2	0.94		
		Total Facade Including salary				
		2.6. Different works				

1	2	3	4	5	6	7
		2.6.1. Organization				
98	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively	m2	15.20		
99	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	47.50		
100	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	27.01		
101	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	5.84		
102	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	0.73		
103	DE18A	Pavement made of precast concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embrodered with dry mixture of cement and sand, 5 cm thick layer	m2	73.00		
		Total Organization Including salary				
		2.6.2. Protection blocks				
104	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground	m3	0.30		
105	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	5.25		
106	CC03A	Assembling welded meshes BP-1 d5 100x100 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	10.80		

1	2	3	4	5	6	7
107	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	0.90		
108	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	3.50		
		Total Protection blocks Including salary				
		2.6.3. Rebate				
109	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	3.70		
110	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	0.33		
111	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	0.07		
112	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	1.00		
113	CI24A	Plating the steps with ceramic-granite tiles, bonded with glue, with thickness under 15 mm	m2	3.00		
114	CK18C	Assembling the rods to the aluminum plates	m	5.00		
		Total Rebate Including salary				
		Total Different works Including salary				
		Total Position 1B				

1	2	3	4	5	6	7
		Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-1-2
Constructive solutions. (04/2015-1a,1b -C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M, without VAT	Total without VAT:
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Position 1A				
		1.1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.07		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	0.35		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	5.55		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.06		
		Total Earthworks works Including salary				
		1.1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50)	m3	0.35		

1	2	3	4	5	6	7
		poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	16.00		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	27.92		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	82.56		
9	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	16.03		
10	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	1.92		
11	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	12.87		
		Total Foundations Including salary				
		Total Position 1A Including salary				
		1.2. Position 1B				
		1.2.1. Earthworks				
12	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic	100 m3	0.07		

1	2	3	4	5	6	7
		command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200				
13	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	0.35		
14	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	5.55		
15	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.06		
		Total Earthworks works Including salary				
		1.2.2. Foundations				
16	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	0.35		
17	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	16.00		
18	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	27.92		
19	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	82.56		
20	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	16.03		
21	CA03G	Simple concrete, poured with classical means, in foundations,	m3	1.92		

1	2	3	4	5	6	7
		basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015				
22	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	12.87		
		Total Foundations Including salary				
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				
		2.1. Position 1A				
23	CL08A	Ready-made metallic elements (columns, beams , trusses) of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction	t	0.25		
24	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.25		
		Total Position 1A Including salary				
		2.2. Position 1B				
25	CL08A	Ready-made metallic elements (columns, beams , trusses) of	t	0.25		

1	2	3	4	5	6	7
		C235 class steel, supplied fully assembled, installed on the site, in lightweight construction				
26	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.25		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-1-3 Information board. (04/2015-1a,1b-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	0.26		
2	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground	m ³	1.20		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m ³	21.20		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m ³	0.21		
		Total Earthworks works Including salary				

1	2	3	4	5	6	7
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	1.20		
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	19.04		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	33.36		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	123.56		
9	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg. Anchor bolts Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	93.60		
10	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	4.88		
11	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	3.92		
12	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.60		

1	2	3	4	5	6	7
		Total Foundations Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				
13	CL01A	Ready-made steel pylons of C235 class, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	1.34		
14	CP21B	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, the linking or monolith assembling in pre-manufactured concrete items	m3	0.10		
15	CL05A	Ready-made steel beams with grates of C235 class, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	1.78		
16	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	3.12		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimate: Including salary				

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Form No. 1
WinCmeta

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

**LOCAL ESTIMATE No 3-1-4
Concrete Protection Wal (04/2015-1b-C)**

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.26		
2	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	16.90		
3	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.17		
		Total Earthworks works Including salary				
		2. Monolith constructions				
4	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	2.68		
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively,	m3	1.50		

1	2	3	4	5	6	7
		concrete, pouring with classical means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	124.36		
7	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	68.35		
8	CC02I2	Reinforced concrete steel PC 52 shaped in construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	503.22		
9	CA05E	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with concrete and poured with classical means, reinforced concrete Class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.030	m3	24.70		
10	IzF04M	Waterproof layer with hydrobite in one layer on the sloped areas of over 40% or vertical areas on terrace (membrane with cleats)	m2	32.36		
		Total Monolith constructions Including salary				
		3. Finishing works				
11	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	106.24		
		Total Finishing works Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			

1	2	3	4	5	6	7
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-1-5
Heating, ventilation and air-conditioning (04/2015-1a,1b-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Position 1A				
1	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	3.00		
		Total Position 1A Including salary				
		1.2. Position 1B				
2	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	3.00		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Position 1A				

1	2	3	4	5	6	7
3	08-03-602-2	Heating appliances: electrical convector	piece	1.00		
4	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	3.00		
		Total Position 1A Including salary				
		2.2. Position 1B				
5	08-03-602-2	Heating appliances: electrical convector	piece	1.00		
6	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	3.00		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. Position 1A				
7	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	1.00		
8	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	3.00		
		Total Position 1A Including salary				
		3.2. Position 1B				
9	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	1.00		
10	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	3.00		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			

1	2	3	4	5	6	7
		Total Equipment Including salary				
		Total estimate: Including salary				

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(position, signature, name, surname)

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(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-1-6

Electrical power equipment. Indoor electrical lighting (04/2015-1a,1b-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
		1.1. Position 1A				
1	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	2.00		
2	08-03-525-2	Package breaker or switcher in metal casing, mounted on the wall or column construction, quantity of the terminals for connection up to 9, power up to 100A	piece	1.00		
3	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	11.00		
4	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	0.25		
5	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.10		
6	Supplier price	Support frame for 4 modules assembled on the plastic ditch 150x60 mm	set	2.00		
7	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	1.00		
8	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	0.15		
9	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	10.00		
10	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	5.00		

1	2	3	4	5	6	7
11	08-02-409-7	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 50 mm	100 m	0.05		
12	Supplier price	PVC corrugated pipe U-PVC, 750N, d=32 mm	m.l.	5.00		
13	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.70		
14	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	70.00		
15	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	1.75		
16	Supplier price	Cable BBГНГ-LS-0.66 3x1.5 mm2	m.l.	30.00		
17	Supplier price	Cable BBГНГ-LS-0.66 3x2.5 mm2	m.l.	30.00		
18	Supplier price	Cable BBГНГ-LS-0.66 5x2.5 mm2	m.l.	30.00		
19	Supplier price	Cable C2XY-F 3x4.0 mm2	m.l.	85.00		
20	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	0.01		
21	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	1.00		
22	Supplier price	Luminescent lamp 18W	piece	4.00		
23	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.01		
24	Supplier price	Luminescent light fitting CD 2x18, IP65	piece	1.00		
25	Supplier price	Compact luminescent lamp 18W	piece	2.00		
26	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.01		
27	Supplier price	Light fitting with incandescent lamps 60W, HПП 2604A, IP54	piece	1.00		
28	Supplier price	Incandescent lamp 60W	piece	1.00		
29	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.03		
30	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	3.00		
31	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.01		
32	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	1.00		

1	2	3	4	5	6	7
33	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.08		
34	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	6.00		
35	Supplier price	Socket for the telephone network, IP20	piece	1.00		
36	Supplier price	Socket for the computer network, IP20	piece	1.00		
		Total Position 1A Including salary				
		1.2. Position 1B				
37	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	2.00		
38	08-03-525-2	Package breaker or switcher in metal casing, mounted on the wall or column construction, quantity of the terminals for connection up to 9, power up to 100A	piece	1.00		
39	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	11.00		
40	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	0.25		
41	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.10		
42	Supplier price	Support frame for 4 modules assembled on the plastic ditch 150x60 mm	set	2.00		
43	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	1.00		
44	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	0.15		
45	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	10.00		
46	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	5.00		
47	08-02-409-7	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 50 mm	100 m	0.05		
48	Supplier price	PVC corrugated pipe U-PVC, 750N, d=32 mm	m.l.	5.00		
49	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.70		
50	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	70.00		

1	2	3	4	5	6	7
51	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	1.75		
52	Supplier price	Cable BBΓHΓ-LS-0.66 3x1.5 mm2	m.l.	30.00		
53	Supplier price	Cable BBΓHΓ-LS-0.66 3x2.5 mm2	m.l.	30.00		
54	Supplier price	Cable BBΓHΓ-LS-0.66 5x2.5 mm2	m.l.	30.00		
55	Supplier price	Cable C2XY-F 3x4.0 mm2	m.l.	85.00		
56	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	0.01		
57	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	1.00		
58	Supplier price	Luminescent lamp 18W	piece	4.00		
59	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.01		
60	Supplier price	Luminescent light fitting CD 2x18, IP65	piece	1.00		
61	Supplier price	Compact luminescent lamp 18W	piece	2.00		
62	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.01		
63	Supplier price	Light fitting with incandescent lamps 60W, HIIII 2604A, IP54	piece	1.00		
64	Supplier price	Incandescent lamp 60W	piece	1.00		
65	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.03		
66	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	3.00		
67	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.01		
68	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	1.00		
69	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.08		
70	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	6.00		
71	Supplier price	Socket for the telephone network, IP20	piece	1.00		
72	Supplier price	Socket for the computer network, IP20	piece	1.00		

1	2	3	4	5	6	7
73	08-02-472-2	Grounding conductor: ground plate, horizontal, from strip steel, section 160 mm ²	100 m	0.05		
74	08-02-472-9 f	Grounding conductor, open, on construction supports, from round steel, diameter 20 mm	100 m	0.11		
75	08-02-471-4 f	Ground plate, vertical, from round steel, diameter 20 mm	10 pieces	0.30		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
		2.1. Position 1A				
76	Supplier price	Case mounted on the wall ЩПН-243-1-36-YXJI3, IP31	piece	1.00		
77	Supplier price	Box ABP-211-25-21, IP54	piece	1.00		
78	Supplier price	Commutator HAGER SF 319G, 3P, 40A	piece	1.00		
79	Supplier price	Automaton BA47-29M, 3P, 16A, °C°	piece	2.00		
80	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	1.00		
81	Supplier price	Automaton АВДТ34, C10, 30mA	piece	2.00		
82	Supplier price	Automaton АВДТ32, C06, 30mA	piece	2.00		
83	Supplier price	Automaton АВДТ32, C10, 30mA	piece	3.00		
84	Supplier price	Automaton АВДТ32, C16, 30mA	piece	1.00		
		Total Position 1A Including salary				
		2.2. Position 1B				
85	Supplier price	Case mounted on the wall ЩПН-243-1-36-YXJI3, IP31	piece	1.00		
86	Supplier price	Box ABP-211-25-21, IP54	piece	1.00		
87	Supplier price	Commutator HAGER SF 319G, 3P, 40A	piece	1.00		
88	Supplier price	Automaton BA47-29M, 3P, 16A, °C°	piece	2.00		

1	2	3	4	5	6	7
89	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	1.00		
90	Supplier price	Automaton ABДТ34, C10, 30MA	piece	2.00		
91	Supplier price	Automaton ABДТ32, C06, 30MA	piece	2.00		
92	Supplier price	Automaton ABДТ32, C10, 30MA	piece	3.00		
93	Supplier price	Automaton ABДТ32, C16, 30MA	piece	1.00		
		Total Position 1B Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-1-7 Indoor low current system. Phase 1 (04/2015-1a,1b-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Position 1A				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	0.90		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.72		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.02		
4	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.06		
5	Supplier price	Sand for territory planning	m3	0.18		
6	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.02		
7	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.06		
8	Supplier price	Construction bricks 250x120x65 mm	piece	10.00		
9	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	2.00		
10	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with	m	20.00		

1	2	3	4	5	6	7
		diameter 25 mm				
11	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
12	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	4.00		
		Total Position 1A Including salary				
		2. Position 1B				
13	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	0.90		
14	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.72		
15	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.02		
16	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.06		
17	Supplier price	Sand for territory planning	m3	0.18		
18	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.02		
19	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.06		
20	Supplier price	Construction bricks 250x120x65 mm	piece	10.00		
21	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	2.00		
22	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	20.00		
23	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
24	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	4.00		

1	2	3	4	5	6	7
		Total Position 1B Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimate: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 3-2

External toilet 3A (04/2015 - 3A)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-2-1

Architectural solutions (04/2015-3A-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Closings and compartments				
1	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.13		
2	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	1.93		
3	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	piece	3.00		
4	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	4.26		
5	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and	kg	11.54		

1	2	3	4	5	6	7
		mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork				
6	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	0.12		
7	CK22C	French windows of aluminum profiles in buildings with heights up to 35 m of fixed panels and door plates (separating walls in sanitary rooms, system ALT-118 "Alutech")	m2	27.03		
		Total Closings and compartments Including salary				
		2. Carpentry				
8	CK23B	Plastic windows of 3 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-1) RAL5010	m2	1.90		
9	CK23B	Plastic windows of 3 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F-2) RAL 5010	m2	2.82		
10	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4-24-4 mm, including the casement and the necessary accessories for assembling doors, in one wing, (door handle, lock) (U-1) RAL5010	m2	4.14		
11	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates, including the casement and the necessary accessories for assembling doors (door handle, lock) in one leaf (U-2) RAL5010	m2	2.30		
12	CK33A	Automated device for closing the doors	piece	3.00		
		Total Carpentry Including salary				
		3. Roof				
13	CD51C	Brickwork, format 250 x 120 x 65	100 m2	0.11		

1	2	3	4	5	6	7
		for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m				
14	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	5.78		
15	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	18.25		
16	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	49.30		
17	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	0.70		
18	CN53A	Coating the internal surfaces of the walls and ceilings	m2	10.80		
19	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer	m2	11.80		
20	IzF10A	Insulating layer for the terrace, roofs and plates, from thermal-insulating plates from cement-plast, thickness 180 mm	m2	58.00		
21	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	58.00		
22	CG01A1	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	58.00		

1	2	3	4	5	6	7
23	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.06		
24	CE23D	Sills and awnings made of anti-corrosive galvanized protected sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement - lime mortar - M 100-T , secured on concrete elements, for lengths of more than 2 m, with width of 510 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	7.60		
25	IzF09B	Connecting the waterproofing and fixing it on the roof piecing elements having a diameter between 35 and 200 mm, including for ventilation etc., including the steel band braces for pressing the waterproofing to the piercing elements	piece	1.00		
26	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	64.00		
27	CE13A2	Covers for the roofs with modified bitumen membranes Bipoli EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	64.00		
28	CE23B	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement - lime mortar - M 100-T, fixed on brick masonry, for lengths of more than 2 m, with width of 190 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	24.00		
		Total Roof Including salary				
		4. Facade				
		4.1. Balustrade				

1	2	3	4	5	6	7
29	CL26A	Ready-made metallic frames	kg	207.40		
30	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.207		
31	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL7024 for covering the roofs Small material = 1.050	m2	17.10		
32	CE23B	Sills and awnings made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 350 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	24.40		
33	CE23B	Sills and awnings made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 340 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	24.40		
		Total Balustrade Including salary				
		4.2. Facade				
34	CL26A	Ready-made metallic frames	kg	53.76		
35	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.054		
36	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL7024 for covering the roofs Small material = 1.050	m2	12.40		
37	CE23B	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of	m	8.40		

1	2	3	4	5	6	7
		bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 160 mm. Small materials (wires, nails, dowels, hard water) = 1.040				
38	CE23D	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 690 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	1.30		
39	CE23B	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 230 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	9.00		
40	CE23B	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 190 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	25.00		
41	CN53A	Coating the internal surfaces of the walls and ceilings	m2	54.00		
42	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer	m2	54.00		
43	CN54B	Manual application of the quartz ground "Gleta" in one layer, for the exterior walls of the facade.	m2	46.00		
44	CF30A	Exterior coating of 2 mm thickness, executed manually, with "TINA-15" mixture on the walls RAL9010	m2	46.00		
45	CN53A	Coating the internal surfaces of the walls and ceilings	m2	54.00		
46	CI06C	Tile plywood with tiles of the same color and form with dimensions of 15 x 15 cm to 30 x 30, executed on flat surfaces of	m2	8.00		

1	2	3	4	5	6	7
		walls and pillars , including sills and edges, in premises with an area exceeding 10 m2, fixed with adhesive for installation of external plywood				
		Total Facade Including salary				
		5. Internal finishing works				
		5.1. Walls				
47	CN53A	Coating the internal surfaces of the walls and ceilings	m2	118.00		
48	CF02B	Interior coating of 2 cm thickness, levelled, executed manually, on the walls or columns, on plain surfaces, with cement-lime mortar M 100-T brand, for sprit, ground and visible layer, on brick masonry or small blocks of concrete	m2	118.00		
49	CN53A	Coating the internal surfaces of the walls and ceilings	m2	118.00		
50	CI22B	Ceramic tile plywood (on walls, columns, pilasters and window sills) fixed with adhesive (dry mixture), plates' size: up to 200 x 200 mm Small materials (cloth, disc) = 1.010	m2	83.00		
51	CF50B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar.	m2	35.00		
52	CF51B k=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for walls and dividing walls, manual preparation of the mortar. Minus difference 2.0 mm Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-35.00		
53	CN53A	Coating the internal surfaces of the walls and ceilings	m2	35.00		
54	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	35.00		
		Total Walls Including salary				
		5.2. Ceilings				

1	2	3	4	5	6	7
55	CN53A	Coating the internal surfaces of the walls and ceilings	m2	38.70		
56	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2,0 mm on the areas of walls, columns, and ceilings Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	38.70		
57	CN53A	Coating the internal surfaces of the walls and ceilings	m2	38.70		
58	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	38.70		
		Total Ceilings Including salary				
		5.3. Flooring				
59	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	3.87		
60	TsC53A k=2	Compacting the soil with gravel th. 100 mm Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	100 m2	0.387		
61	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	38.70		
62	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-38.70		
63	CC03A	Assembling welded meshes BP-1 d4 150x150 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	46.44		
64	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to	m2	5.20		

1	2	3	4	5	6	7
		16 m2.				
65	CG22A4 k=5	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 5.000 Materials coefficient = 5.000 Machinery coefficient = 5.000	m2	5.20		
66	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	1.00		
67	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	38.70		
68	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	46.00		
69	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	46.00		
70	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	38.70		
71	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	38.70		
72	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	38.70		
73	AcE06A	Assembling the grills with cast	piece	8.00		

1	2	3	4	5	6	7
		iron frame at the water drainage points ACO DRAIN Rainne S150K with grill B=18cm, L=0.5m Small materials (water, cement, levels, etc.) = 1.020				
		Total Flooring Including salary				
		Total Internal finishing works Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-2-2 Construction solutions (04/2015-3A-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.35		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	1.50		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	36.50		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.37		
		Total Earthworks works Including salary				
		2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical	m3	1.48		

1	2	3	4	5	6	7
		means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	58.12		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	9.37		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	50.84		
9	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	3.34		
10	CA03F	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - level walls, poured with classical means, simple concrete class C6/7.5(M100) Small materials (resinous cases, nails, clamps) = 1.015	m3	3.89		
11	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	51.90		
		Total Foundations Including salary				
		3. Reinforced concrete structure				
12	CB03F	Formwork of reusable panels, with plywood of 15mm for pouring concrete in pylons in constructions up to 20 m high inclusively, supporters being excluded	m2	13.14		
13	CB03E	Formwork of reusable panels, with plywood of 15mm for	m2	156.24		

1	2	3	4	5	6	7
		pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded				
14	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	piece	244.00		
15	CC02K	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	55.06		
16	CC02L2	Concrete steel fittings shaped in PC 52 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	82.47		
17	CC02M	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	21.02		
18	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	284.30		
19	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	23.28		
20	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	10.43		
		Total Reinforced concrete structure Including salary				
		4. Closings and compartments				

1	2	3	4	5	6	7
21	IzF50A	Hydro-insulation performed with cement mortar with liquid glass at foundations and walls, applied on horizontal surfaces	m2	3.65		
22	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	15.23		
		Total Closings and compartments Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

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Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-2-3 Heating, ventilation and air-conditioning (04/2015-3A-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	VA19A	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel or aluminum board of 0.5 mm thickness, having the diameter of the circular section up to 200 mm. Small materials (wipers, silicon)=1,010	m2	20.00		
2	CL20A	Ready-made diffuser, type TVOM 160	piece	9.00		
3	CL20A	Ready-made ventilation grates of aluminum, of type VNKM2 525X225 R2	piece	2.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
4	08-03-602-2	Heating appliances: electrical convector	piece	5.00		
5	VC01D	Assembling the axial-type ventilators with total weight 50-400 kg, assembled in metallic case Small materials and assembling = 1.005	piece	1.00		
6	08-03-605-1	Ventilator (electrical part)	piece	1.00		

1	2	3	4	5	6	7
7	VB17A	Circular type noise device with perimeter 800 - 1600 mm	piece	0.00		
8	08-03-601-1	Single command switchboard (heating and ventilation)	piece	1.00		
9	VD03F	Adjusting the fan to the ventilation, air conditioning and climate maintenance systems, through by-pass	piece	1.00		
10	VD04A	Adjusting the components to the ventilation, air conditioning and climate maintenance installations, adjusting the manually regulated blinds	piece	9.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
11	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	5.00		
12	Supplier price	Ventilator CK315C, flow 900m3/h, "OSTBERG"	piece	1.00		
13	Supplier price	Circular noise damper D=315 mm, L=900 mm	piece	1.00		
14	Supplier price	Single command switchboard for the heating and ventilation system of ON/OFF type	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-2-4

Electrical power equipment Indoor electrical lighting (04/2015-3-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	RpCU06A1	Executing the ditches up to 5 cm deep, in brick masonry walls of 5 x 50 cm2, for mechanized execution	m	7.80		
2	RpCU07D	Making the grooves in walls up to 50 cm2 after installation or consolidations	m	7.80		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	1%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
3	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	1.00		
4	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	12.00		
5	08-02-409-6	Vinylplastic pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	1.45		
6	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	70.00		
7	Supplier price	PVC corrugated pipe U-PVC,	m.l.	75.00		

1	2	3	4	5	6	7
		750N, d=25 mm				
8	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.05		
9	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	5.00		
10	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	1.46		
11	Supplier price	Cable BBГНГ-LS-0.66 3x1.5 mm2	m.l.	70.00		
12	Supplier price	Cable BBГНГ-LS-0.66 3x2.5 mm2	m.l.	75.00		
13	Supplier price	Cable BBГНГ-LS-0.66 5x4 mm2	m.l.	1.00		
14	Supplier price	Distribution box for open installation KM41001 with cover	piece	10.00		
15	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.06		
16	Supplier price	Luminescent light fitting AOT/OPL 2x18, IP40	piece	6.00		
17	Supplier price	Luminescent lamp 18W	piece	12.00		
18	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.03		
19	Supplier price	Light fitting with incandescent lamps 60W, HПП 1307, IP54	piece	3.00		
20	Supplier price	Compact luminescent lamp 7W	piece	3.00		
21	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.08		
22	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	8.00		
23	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.01		
24	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
25	Supplier price	Case mounted on the wall ИҚPH-243-1-36-УХЛ3, IP31	piece	1.00		

1	2	3	4	5	6	7
26	Supplier price	Power switch BH-32, 3P, 25A	piece	1.00		
27	Supplier price	Power switch BH-32, 3P, 16A	piece	1.00		
28	Supplier price	Automaton АВДТ32, C10, 30mA	piece	5.00		
29	Supplier price	Automaton АВДТ32, C16, 30mA	piece	1.00		
30	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	3.00		
31	Supplier price	Automaton BA47-29M, 1P, 04A, °C°	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-2-5 Internal water supply and sewerage networks (04/2015-3A-RAC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Aqueduct				
1	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 20x2.1 mm	m	25.00		
2	SA37B	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 3/4"	piece	24.00		
3	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=20x9 mm Small material = 1.050	m	25.00		
4	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 25x2.5 mm	m	8.00		
5	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=25x9 mm Small material = 1.050	m	8.00		
6	SA37C	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through	piece	24.00		

1	2	3	4	5	6	7
		ducts having the diameter of 1"				
7	SA16C	Plastic pipe PPRC-3 PN10 joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 32x3.0 mm	m	8.00		
8	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=32x9 mm Small material = 1.050	m	8.00		
9	SA37D	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 1 1/4"	piece	24.00		
10	SA16D	Plastic pipe PPRC-3 PN10 joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 40x3.7 mm	m	20.00		
11	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=40x9 mm Small material = 1.050	m	20.00		
12	SA37E	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 1 1/2"	piece	8.00		
13	SA16E	Plastic pipe PPRC-3 PN10 joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 50x4.7 mm	m	10.00		
14	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=50x9 mm Small material = 1.050	m	10.00		
15	AcA52D	Polyethylene pipe PN2, for water supply tubes, mounted in ditch, with diameter 110 mm	m	5.00		
16	SD07A	Passing tap with valve and plug with the diameter of 1/2" Small material (hemp tows, minium primer, etc.) = 1.020	piece	14.00		
17	SD07B	Passing tap with valve and plug with the diameter of 3/4" Small material (hemp tows, minium primer, etc.) = 1.020	piece	1.00		

1	2	3	4	5	6	7
18	SD07C	Passing tap with valve and plug with the diameter of 1" Small material (hemp tows, minium primer, etc.) = 1.020	piece	1.00		
19	SD07D	Passing tap with valve and plug with the diameter of 1 1/4" Small material (hemp tows, minium primer, etc.) = 1.020	piece	1.00		
20	SD07E	Passing tap with valve and plug with the diameter of 1 1/2" Small material (hemp tows, minium primer, etc.) = 1.015	piece	3.00		
21	SD07F	Passing tap with valve and plug with the diameter of 2" Small material (hemp tows, minium primer, etc.) = 1.015	piece	2.00		
22	SD12B	Non-return valve for connection with threaded sleeves, with the diameter 1 1/4" Small materials (hemp tows, lead minium primer) = 1.015	piece	1.00		
23	SF01C	Performing the sealing pressure test for the installation of hot or cold water, executed on the hard-type polyvinyl chloride pipes, having the diameter of 16-110 mm	m	71.00		
24	SF02C	Operational test for cold water installation performed with the pipe from hard-type polyvinyl chloride or plastic, having the diameter of 16-110 mm	m	7.10		
25	SF05C	Washing up the hot and cold water installation, executed from plastic pipes, with the diameter of 20-75 mm	m	71.00		
26	SD04A	Mounting the static mixing battery with swinging boom for the washbasin or sink, regardless of the switch-off model, including for disable people, with the diameter of 1/2"	piece	1.00		
27	AcA52A f	Rubber hose for pipes of water supply with diameter of 15 mm, equipped with rapid connector 1/2" (1 piece) and the spray nozzle (1 piece)	m	8.00		
		Total Aqueduct Including salary				
		1.2. Sewerage				
28	SB08E	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 110 mm	m	40.00		

1	2	3	4	5	6	7
29	SB08C	Plastic sewer pipe , combined with rubber case, surface-mounted or buried under the floor, having a diameter of 50 mm	m	8.00		
30	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc.)=1,050	kg	4.00		
31	SB10E	Installing the linking piece from plastic (simple ramification D110) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	5.00		
32	SB10E	The linking piece from plastic (simple ramification D110x50) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	1.00		
33	SB10C	The linking piece from plastic (simple ramification D50) for sewerage, combined with rubber case, having a diameter of 50 mm	piece	5.00		
34	SB11C	The linking piece (cross 110x50) from plastic for sewerage, combined with rubber case, having a diameter of 110 mm	piece	1.00		
35	SB09E	Plastic T-bend for sewerage, combined with rubber, with the diameter of 110 mm, 45"	piece	10.00		
36	SB09C	Plastic T-bend for sewerage, combined with rubber case, with the diameter of 50 mm, 45"	piece	6.00		
37	SB07C	PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 50 mm	piece	2.00		
38	SB07E	Installing a PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 110 mm	piece	4.00		
39	SB09E	Plastic refit for sewerage, combined with rubber fitting, with the diameter 110 mm	piece	1.00		
40	SB09E	Plastic cap for sewerage, combined with rubber fitting, with the diameter 110 mm	piece	1.00		
41	SB09E	Air clack valve for sewerage, combined with rubber fitting, with the diameter 110 mm	piece	1.00		
42	SB28B	Polypropylene floor syphon, with galvanized steel grid, having the exit diameter of 110 mm. Small materials (cement, sand, water, etc.) = 1.010	piece	2.00		

1	2	3	4	5	6	7
43	SF04A	Performing the leak test and operation of sewerage pipes made of cast iron pipes for drain, polyvinyl chloride and non-plasticized tubes of light type or plastic, the iron pipe having a diameter up to 100 mm inclusively	m	4.80		
44	SC04C	Sink from sanitary semi-porcelain or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a stand Small materials (wooden dowel, gypsum, adhesive etc.) = 1.020	piece	5.00		
45	SD04A	Mounting the static mixing battery with swinging boom for the washbasin or sink, regardless of the switch-off model, including for disable people, with the diameter of 1/2"	piece	5.00		
46	SC07B	Closet reservoir, completely equipped, from sanitary semi-porcelain or porcelain etc. including for disabled people, placed on the floor, with the water reservoir mounted at a certain height or semi-height, with the P-type internal siphon Small materials (wooden dowels, gypsum, holtscrows, adhesive, dichloroethane, etc.) = 1.050	piece	7.00		
47	SC07A1	The closet reservoir, completely equipped, from sanitary semi-porcelain or porcelain etc. including for disabled people, placed on the floor, with the water reservoir mounted at a certain height or semi-height, with the S-type internal draintrap Small materials (wooden dowels, gypsum, holtscrows, adhesive, dichloroethane, etc.) = 1.030	piece	1.00		
48	SC09A	Sanitary porcelain urinary mounted in the wall of bricks or autoclaved aerated concrete Small materials (wooden dowels, gypsum, holtscrows, adhesive, dichloroethane, etc.) = 1.020	piece	2.00		
49	SC13A	Sanitary mirror from semi-crystal with ground edges, having the size 400 x 500 x 600 mm, mounted in the wall of bricks or autoclaved aerated concrete Small materials (dowels, gypsum, etc.) = 1.020	piece	5.00		

1	2	3	4	5	6	7
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
50	SE57A	Preparing device for hot waste water, functioning with heating agent of hot water of 70-90 degrees C, having the capacity up to 1000l	piece	1.00		
51	08-03-602-1	Heating appliances: electrical towel	piece	1.00		
52	SE58A	Meters for hot and cold water, diameter - 15..25 mm Small materials (hemp tows, minium primer, etc.) = 1.010	piece	1.00		
53	SE56A	Filter for drinking water, with threaded sleeves to be installed on the pipe, with the diameter 1" - 2" Small materials (hemp tows, lead minium primer, etc.) = 1.010	piece	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
54	Supplier price	Electrical preparation of hot water V=100 l	piece	1.00		
55	Supplier price	Cold water meter Dn=25 mm	piece	1.00		
56	Supplier price	Filter with grate, sleeves 1 1/4"	piece	1.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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BILL OF QUANTITIES FOR OBJECT No. 3-3

Control booths for touristic vehicles (04/2015 - 5)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-3-1

Architectural solutions (04/2015-5-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Closings and compartments				
1	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 4	t	0.059		
2	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.059		
3	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal transfer coefficient 0.022 W/m²C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m:	m2	118.80		

1	2	3	4	5	6	7
		arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
4	CD73A	Walls of light plates, 60 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² ·C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m ²	36.00		
5	CE44A	Covers from light plates of profiled board 0.5 mm thick, with thermal insulation, filling density 40 kg/m ³ , of Sandwich type, thickness 100 mm, thermal transfer coefficient 0.022 W/m ² ·C, assembled on metallic rulers RAL according to the design Small materials (silicon, self-threading screws) = 1.020	m ²	89.40		
6	IzF33A	Executing the waterproof layer of bitumen-rubber polymeric elements 2 mm thick with the device RX-25 at the plates, on the roof Small materials (leveling roll, rags) 1% = 1.010	m ²	89.40		
		Total Closings and compartments Including salary				
		2. Carpentry				
7	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles of MZ Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1)	m ²	22.68		
8	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F1-F3) RAL 5010	m ²	106.20		
		Total Carpentry Including salary				
		3. Flooring				

1	2	3	4	5	6	7
9	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	13.20		
10	TsC54C	Foundation layer of limestone gravel fr. 20-40 mm	m3	3.89		
11	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	77.76		
12	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-77.76		
13	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	77.76		
14	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	77.76		
15	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	77.76		
16	CG01A1 k=3	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 3.000 Materials coefficient = 3.000 Machinery coefficient = 3.000	m2	77.76		
17	CN53A	Coating the internal surfaces of the walls and ceilings	m2	77.76		
18	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	77.76		
		Total Flooring Including salary				
		4. Protection blocks				

1	2	3	4	5	6	7
19	TsA02B	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground	m3	4.70		
20	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	106.14		
21	IzF53A	Executing manually the thermal-insulating layer from extruded polystyrene sponged plates, thickness 20 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	50.76		
22	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	41.60		
23	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	1 236,50		
24	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	7.50		
25	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	40.38		
		Total Protection blocks Including salary				
		5. Organization				
26	CB02B	Formwork from reusable panels with short and under-short resinous wood boarding planks to	m2	17.28		

1	2	3	4	5	6	7
		pour the concrete in elevations, straight walls and diaphragms, including supporters, at heights up to 20m inclusively				
27	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	54.00		
28	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	21.06		
29	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	4.86		
30	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	0.81		
31	DE18A	Pavement made of precast concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embroidered with dry mixture of cement and sand, 5 cm thick layer	m2	81.00		
		Total Organization Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	2.00%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-3-2
Construction solutions (04/2015-5-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.73		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	4.14		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	76.92		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.77		
		Total Earthworks works Including salary				
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at	m3	4.14		

1	2	3	4	5	6	7
		the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	170.40		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	322.80		
8	CC01E1	Concrete steel fittings OB 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	153.60		
9	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	388.80		
10	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	164.16		
11	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	20.40		
12	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	167.10		
		Total Foundations Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			

1	2	3	4	5	6	7
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Construction works Including salary				
		2. Metallic constructions				
13	CL08A	Ready-made metallic elements (columns, beams , trusses) of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction structure	t	3.52		
14	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	3.52		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Metallic constructions Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

Building the jointly operated border crossing point "Palanca" on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-3-3 Heating, ventilation and air-conditioning (04/2015-5-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	72.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
2	08-03-602-2	Heating appliances: electrical convector	piece	12.00		
3	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	12.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			

1	2	3	4	5	6	7
		Total Mounting works Including salary				
		3. Equipment				
4	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	12.00		
5	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	12.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-3-4

Electrical power equipment Indoor electrical lighting (04/2015-5-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	6.00		
2	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	74.00		
3	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	4.00		
4	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	1.20		
5	Supplier price	Support frame for 4 modules assembled on the plastic ditch 150x60 mm	set	24.00		
6	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	24.00		
7	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	5.10		
8	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	150.00		
9	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	360.00		
10	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.30		

1	2	3	4	5	6	7
11	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	30.00		
12	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	10.46		
13	Supplier price	Cable BBГHГ-LS-0.66 3x1.5 mm2	m.l.	470.00		
14	Supplier price	Cable BBГHГ-LS-0.66 3x2.5 mm2	m.l.	540.00		
15	Supplier price	Cable BBГHГ-LS-0.66 4x1.5 mm2	m.l.	30.00		
16	Supplier price	Cable BBГHГ-LS-0.66 5x4 mm2	m.l.	6.00		
17	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm2	100 m	1.20		
18	Supplier price	Thread ПБ 1x6 mm2	m.l.	120.00		
19	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	0.24		
20	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	24.00		
21	Supplier price	Luminescent lamp 18W	piece	96.00		
22	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.12		
23	Supplier price	Light fitting with incandescent lamps 60W, HПП 1307, IP54	piece	12.00		
24	Supplier price	Compact luminescent lamp 7W	piece	12.00		
25	08-03-596-3	Projector, assembled separately on the steel construction, on the roof of the building, with the lamp, power, W: 500 (CДО 01-10 LED)	100 pieces	0.24		
26	08-03-575-1	Device or appliance dismantled before transportation (supply block K-303)	piece	6.00		
27	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.48		
28	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	36.00		
29	Supplier price	Two-flaps switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	12.00		
30	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.12		

1	2	3	4	5	6	7
31	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	12.00		
32	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	1.44		
33	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	96.00		
34	Supplier price	Socket for the telephone network, IP20	piece	24.00		
35	Supplier price	Socket for the computer network, IP20	piece	24.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
36	Supplier price	Case mounted on the wall ЩРН-243-0-74-Y2, IP54	piece	6.00		
37	Supplier price	Power switch BH-32, 3P, 16A	piece	6.00		
38	Supplier price	Power switch BH-32, 3P, 25A	piece	6.00		
39	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	8.00		
40	Supplier price	Automaton BA47-29M, 1P, 10A, °C°	piece	12.00		
41	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	18.00		
42	Supplier price	Automaton ABДТ32, C06, 30mA	piece	12.00		
43	Supplier price	Automaton ABДТ32, C10, 30mA	piece	12.00		
44	Supplier price	Projector LED CДО 01-10, IP65	piece	24.00		
45	Supplier price	Supply block ES1 Conversion Kit TM K-303	piece	6.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-3-5
Indoor low current system. Phase 1 (04/2015-5-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	22.50		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	18.00		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.50		
4	Supplier price	Sand for territory planning	m3	4.50		
5	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.50		
6	Supplier price	Construction bricks 250x120x65 mm	piece	190.00		
7	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	12.00		
8	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	30.00		

1	2	3	4	5	6	7
9	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	26.00		
10	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	24.00		
11	34-02-003-1	Executing the pipe line from polyethylene pipes D=110 mm	1 km	0.014		
12	Supplier price	Sealing adaptor for the pipes D=110 mm	piece	4.00		
13	34-02-003-1	Executing the pipe line from polyethylene pipes D=75 mm	1 km	0.036		
14	Supplier price	Sealing adaptor for the pipes D=75 mm	piece	4.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
15	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	55.71		
16	Supplier price	Cable F-U/UTP6e 4x2x0.5	m.l.	5 571,00		
17	SE54A	Plastic buffer collector with capacity of 250 l (sewerage well of type KKTM-2) Small materials (hemp tows, lead minium primer, etc.) = 1.020	piece	6.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
18	Supplier price	Plastic sewerage well 600x600x620(h) mm of type KKTM-2	piece	6.00		

1	2	3	4	5	6	7
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-3-7
Indoor low current system. Phase 1 (04/2015-5-CV)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
		1. Mounting works				
1	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	18.57		
2	Supplier price	Cable UTP6e 4x2x0.5 (outdoor cable)	m.l.	1 857,00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 3-4

Control booths for Cargo vehicles. Broker services (04/2015 - 6a, 6b)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-4-1

Architectural solutions (04/2015-6a, 6b-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Position 6A				
		1.1. Closings and compartments				
1	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 19	t	0.221		
2	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.221		
3	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal transfer coefficient 0.022 W/m°C, Sandwich type, assembled on metallic rulers from reinforced	m2	81.50		

1	2	3	4	5	6	7
		concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
4	CD73A	Walls of light plates, 60 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² ·C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m ²	22.40		
5	CE44A	Covers from light plates of profiled board 0.5 mm thick, with thermal insulation, filling density 40 kg/m ³ , of Sandwich type, thickness 100 mm, thermal transfer coefficient 0.022 W/m ² ·C, assembled on metallic rulers RAL according to the design Small materials (silicon, self-threading screws) = 1.020	m ²	44.70		
6	IzF33A	Executing the waterproof layer of bitumen-rubber polymeric elements 2 mm thick with the device RX-25 at the plates, on the roof Small materials (leveling roll, rags) 1% = 1.010	m ²	44.70		
		Total Closings and compartments Including salary				
		1.2. Carpentry				
7	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles of MZ Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1) RAL5010	m ²	3.78		
8	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4- 24-4 mm, including the casement and the necessary accessories for assembling doors, in one leaf, (door handle, lock) (U-17) RAL5010	m ²	5.16		

1	2	3	4	5	6	7
9	CK23C	Plastic windows of 5 rooms, with more leaves, with double glazing LOW-E 4-24-4 mm, having the surface of the casing over 2.5 sq.m. (F1) RAL 5010	m2	18.20		
10	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F2) RAL 5010	m2	3.58		
11	CK23A	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing up to 1.00 sq.m. inclusively (F3) RAL 5010	m2	1.92		
12	CK26C	Sills assembled on plastic windows B=200mm	m	13.00		
		Total Carpentry Including salary				
		1.3. Flooring				
13	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	3.40		
14	TsC54C	Foundation layer of limestone gravel fr. 20-40 mm	m3	1.57		
15	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	26.10		
16	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-26.10		
17	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	17.50		
18	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness	m2	26.10		

1	2	3	4	5	6	7
		100 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015				
19	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	43.60		
20	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	43.60		
21	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	43.60		
22	CN53A	Coating the internal surfaces of the walls and ceilings	m2	43.60		
23	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	43.60		
24	CE23B	Plinths from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm, position 20, 21 Small materials (wires, nails, dowels, hard water) = 1.040	m	78.40		
		Total Flooring Including salary				
		1.4. Organization				
25	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	28.00		
26	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	13.25		
27	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	4.24		
28	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	0.53		
29	DE18A	Pavement made of precast concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the	m2	53.00		

1	2	3	4	5	6	7
		proportion 1: 6, embroidered with dry mixture of cement and sand, 5 cm thick layer				
		Total Organization Including salary				
		1.5. Protection blocks				
30	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	19.94		
31	IzF53A	Executing manually the thermal-insulating layer from extruded polystyrene sponged plates, thickness 20 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	50.76		
32	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	6.00		
33	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	205.00		
34	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	1.80		
35	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	14.90		
		Total Protection blocks Including salary				
		1.6. Finishing the stairs SM1				
36	CN53A	Coating the internal surfaces of the walls and ceilings	m2	3.69		
37	CI24A	Plating the steps with ceramic-granite tiles, bonded with glue, with thickness under 15 mm	m2	3.69		

1	2	3	4	5	6	7
38	CH06B	Stainless steel railing h=1000 mm, fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight	m	9.60		
		Total Finishing the stairs SM1 Including salary				
		1.7. Finishing the stair-head at the level 2.900				
39	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	10.36		
40	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	10.36		
41	CN53A	Coating the internal surfaces of the walls and ceilings	m2	10.36		
42	CG50A	Executing the flooring from ceramic granite fixed on adhesive: size of plates under 40x40 cm	m2	10.36		
43	CH06B	Stainless steel railing h=1000 mm, fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight	m	9.20		
		Total Finishing the stair-head at the level 2.900 Including salary				
		1.8. Finishing the dome K1				
44	CB14C	Tubular metallic scaffold for finishing works on the ceilings, for heights up to 7 m inclusively, with immobilization of the scaffold for 15 days (120 hours)	m2	147.00		
45	CE06C	Galvanized folded board covers, H60-845-0.7, mounted on metal blades, executed with grub screws (on the top flange) and consolidated with clenches, including the execution of valleys, aprons, connections to baskets etc. Small materials (material for gluing the board) = 1.050	m2	182.00		
46	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C44-1000-0.6, fastened by self-tapping screws, mounted at a	m2	116.00		

1	2	3	4	5	6	7
		height of up to 6 m inclusively				
47	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C21-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	147.00		
48	CE23D	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 590 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	30.00		
49	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 420 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	25.00		
50	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 100 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	74.00		
51	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	6.00		
52	CE06A1	Galvanized board covers 0.5 mm, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050	m2	18.00		
53	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding	t	0.235		
54	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7	t	0.235		

1	2	3	4	5	6	7
		mm inclusively				
55	CE41A	Assembling spars section 50x100 mm with antiseptic treatment	m3	0.06		
56	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	0.06		
57	CE13A	Covers for the roofs with modified bitumen membranes Tehnoelast EKP bonded with flame in mono-layer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	9.00		
58	CE22A	Systems of brass-type tubing D=140 mm from anticorrosive protected board Small material = 1.020	m	16.30		
		Total Finishing the dome K1 Including salary				
		Total Position 6A Including salary				
		2. Position 6B				
		2.1. Closings and compartments				
59	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 19	t	0.221		
60	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.221		
61	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal transfer coefficient 0.022 W/m²C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m:	m2	81.50		

1	2	3	4	5	6	7
		arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
62	CD73A	Walls of light plates, 60 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² ·C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m2	22.40		
63	CE44A	Covers from light plates of profiled board 0.5 mm thick, with thermal insulation, filling density 40 kg/m ³ , of Sandwich type, thickness 100 mm, thermal transfer coefficient 0.022 W/m ² ·C, assembled on metallic rulers RAL according to the design Small materials (silicon, self-threading screws) = 1.020	m2	44.70		
64	IzF33A	Executing the waterproof layer of bitumen-rubber polymeric elements 2 mm thick with the device RX-25 at the plates, on the roof Small materials (leveling roll, rags) 1% = 1.010	m2	44.70		
		Total Closings and compartments Including salary				
		2.2. Carpentry				
65	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles of MZ Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1) RAL5010	m2	3.78		
66	CK25A	Doors made of plastic profiles with 5 rooms, filling in the joints with thermal insulation plates double-glazed window LOW-E 4- 24-4 mm, including the casement and the necessary accessories for assembling doors, in one leaf, (door handle, lock) (U-17) RAL5010	m2	5.16		
67	CK23C	Plastic windows of 5 rooms, with	m2	18.20		

1	2	3	4	5	6	7
		more leaves, with double glazing LOW-E 4-24-4 mm, having the surface of the casing over 2.5 sq.m. (F1) RAL 5010				
68	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F2) RAL 5010	m2	3.58		
69	CK23A	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing up to 1.00 sq.m. inclusively (F3) RAL 5010	m2	1.92		
70	CK26C	Sills assembled on plastic windows B=200mm	m	13.00		
		Total Carpentry Including salary				
		2.3. Flooring				
71	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	3.40		
72	TsC54C	Foundation layer of limestone gravel fr. 20-40 mm	m3	1.57		
73	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	26.10		
74	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-26.10		
75	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	17.50		
76	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 100 mm, in one layer	m2	26.10		

1	2	3	4	5	6	7
		Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015				
77	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	43.60		
78	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	43.60		
79	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	43.60		
80	CN53A	Coating the internal surfaces of the walls and ceilings	m2	43.60		
81	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	43.60		
82	CE23B	Plinths from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm, position 20, 21 Small materials (wires, nails, dowels, hard water) = 1.040	m	78.40		
		Total Flooring Including salary				
		2.4. Organization				
83	DE10C	Pre-manufactured concrete borders, for pavements 20x30 cm, on concrete foundation C12/15 30x15 cm	m	28.00		
84	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	13.25		
85	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	4.24		
86	DA18A	Foundation layer from optimal mixture filler (cement/sand ratio 1:6) executed manually (different 1 cm from the standard of DE18A)	m3	0.53		
87	DE18A	Pavement made of precast concrete paving slabs of 50 mm thick, laid on a layer of dry cement and sand mixture in the proportion 1: 6, embroidered with	m2	53.00		

1	2	3	4	5	6	7
		dry mixture of cement and sand, 5 cm thick layer				
		Total Organization Including salary				
		2.5. Protection blocks				
88	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	19.94		
89	IzF53A	Executing manually the thermal-insulating layer from extruded polystyrene sponged plates, thickness 20 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	50.76		
90	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	6.00		
91	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	205.00		
92	CA05B3	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant at the site and poured with classical means of reinforced concrete Class C 15/12 (Bc 15/ B 200) Small materials (resinous cases, nails, clamps) = 1.030	m3	1.80		
93	CN11B	Exterior painting with paints based on vinyl copolymers in water emulsion, applied in 3 layers on the facade executed on the smoothed plaster	m2	14.90		
		Total Protection blocks Including salary				
		2.6. Finishing the stairs SM1				
94	CN53A	Coating the internal surfaces of the walls and ceilings	m2	3.69		
95	CI24A	Plating the steps with ceramic-granite tiles, bonded with glue, with thickness under 15 mm	m2	3.69		
96	CH06B	Stainless steel railing h=1000 mm,	m	9.60		

1	2	3	4	5	6	7
		fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight				
		Total Finishing the stairs SM1 Including salary				
		2.7. Finishing the stair-head at the level 2.900				
97	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	10.36		
98	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	10.36		
99	CN53A	Coating the internal surfaces of the walls and ceilings	m2	10.36		
100	CG50A	Executing the flooring from ceramic granite fixed on adhesive: size of plates under 40x40 cm	m2	10.36		
101	CH06B	Stainless steel railing h=1000 mm, fixed in concrete sill, manufactured from cold-made steel strip profiles of steel, straight	m	9.20		
		Total Finishing the stair-head at the level 2.900 Including salary				
		2.8. Finishing the dome K1				
102	CB14C	Tubular metallic scaffold for finishing works on the ceilings, for heights up to 7 m inclusively, with immobilization of the scaffold for 15 days (120 hours)	m2	147.00		
103	CE06C	Galvanized folded board covers, H60-845-0.7, mounted on metal blades, executed with grub screws (on the top flange) and consolidated with clenches, including the execution of valleys, aprons, connections to baskets etc. Small materials (material for gluing the board) = 1.050	m2	182.00		
104	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C44-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	116.00		

1	2	3	4	5	6	7
105	CD07B	Walls made of anticorrosive protected boards, RAL 5010, folded C21-1000-0.6, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively	m2	147.00		
106	CE23D	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 590 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	30.00		
107	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 420 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	25.00		
108	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 100 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	74.00		
109	CE23B	Sills from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm Small materials (wires, nails, dowels, hard water) = 1.040	m	6.00		
110	CE06A1	Galvanized board covers 0.5 mm, mounted on metal blades, executed on areas smaller or equal to 40 m2 with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050	m2	18.00		
111	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding	t	0.235		
112	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.235		

1	2	3	4	5	6	7
113	CE41A	Assembling spars section 50x100 mm with antiseptic treatment	m3	0.06		
114	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	0.06		
115	CE13A	Covers for the roofs with modified bitumen membranes Tehnoelast EKP bonded with flame in mono-layer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	9.00		
116	CE22A	Systems of brass-type tubing D=140 mm from anticorrosive protected board Small material = 1.020	m	16.30		
		Total Finishing the dome K1 Including salary				
		Total Position 6B Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-4-2
Construction solutions (04/2015-6a,6b-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Position 6A				
		1.1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	0.54		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m ³	2.20		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m ³	55.50		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m ³	0.56		
		Total Earthworks works Including salary				

1	2	3	4	5	6	7
		1.1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	2.20		
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	50.14		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	110.40		
8	CC01E1	Concrete steel fittings OB 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	32.00		
9	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	267.80		
10	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg. Anchor bolts Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	55.48		
11	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	9.50		
12	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	28.00		
13	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high	m2	3.36		

1	2	3	4	5	6	7
		inclusively, supporters being included				
14	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.60		
		Total Foundations Including salary				
		1.1.3. Monolith platform level +2.750				
15	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	30.70		
16	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	piece	48.00		
17	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	210.80		
18	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	3.07		
		Total Monolith platform level +2.750 Including salary				
		Total Position 6A Including salary				
		1.2. Position 6B				
		1.2.1. Earthworks				
19	TsC03B1	Mechanic digging with excavator	100 m3	0.54		

1	2	3	4	5	6	7
	k=1.2	of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200				
20	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	2.20		
21	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	55.50		
22	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.56		
		Total Earthworks works Including salary				
		1.2.2. Foundations				
23	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	2.20		
24	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	50.14		
25	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	110.40		
26	CC01E1	Concrete steel fittings OB 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	32.00		
27	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	267.80		

1	2	3	4	5	6	7
28	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg. Anchor bolts Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	55.48		
29	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	9.50		
30	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	28.00		
31	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	3.36		
32	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.60		
		Total Foundations Including salary				
		1.2.3. Monolith platform level +2.750				
33	CB03E	Formwork of reusable panels, with plywood of 15mm for pouring concrete in plates and beams in constructions up to 20 m high inclusively, supporters being excluded	m2	30.70		
34	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are	piece	48.00		

1	2	3	4	5	6	7
		partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R				
35	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	210.80		
36	CA04F	Concrete poured in plates, beams, columns, concrete C12/15(M200) and poured with classical means Small materials (resinous cases, nails, clamps) = 1.030	m3	3.07		
		Total Monolith platform level +2.750				
		Including salary				
		Total Position 6B				
		Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works				
		Including salary				
		2. Metallic constructions				
		2.1. Position 6A				
37	CL01A	Ready-made steel pylons class C235, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	2.361		
38	CP21B	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, the linking or monolith assembling in pre-manufactured concrete items	m3	0.06		
39	CL05A	Ready-made steel beams with grades of C235 class, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	1.677		
40	CL03A	Ready-made steel beams with full squares, class C235, delivered fully assembled, mounted at heights up to 35 m, having up to	t	4.061		

1	2	3	4	5	6	7
		It inclusively				
41	CL08A	Ready-made metallic steel elements, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	2.448		
42	CL08A	Ready-made metallic steel pieces, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	0.125		
43	CL13A	Metallic blades from cold-made profiles of steel strip, C235 class steel, ready-made , mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively	t	0.766		
44	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	11.44		
45	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures of C235 class steel supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position	t	0.347		
46	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.347		
		Total Position 6A Including salary				
		2.2. Position 6B				
47	CL01A	Ready-made steel pylons class C235, delivered fully assembled, mounted at heights up to 35 m,	t	2.361		

1	2	3	4	5	6	7
		having up to 1t inclusively				
48	CP21B	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, the linking or monolith assembling in pre-manufactured concrete items	m3	0.06		
49	CL05A	Ready-made steel beams with grates of C235 class, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	1.677		
50	CL03A	Ready-made steel beams with full squares, class C235, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	4.061		
51	CL08A	Ready-made metallic steel elements, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	2.448		
52	CL08A	Ready-made metallic steel pieces, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	0.125		
53	CL13A	Metallic blades from cold-made profiles of steel strip, C235 class steel, ready-made , mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively	t	0.766		
54	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	11.44		
55	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures of C235 class steel supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position	t	0.347		
56	IzD10C	Anticorrosive painting with the	t	0.347		

1	2	3	4	5	6	7
		manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively				
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-4-3
Heating, ventilation and air-conditioning (04/2015-6a,6b-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Position 6A				
1	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	20.00		
		Total Position 6A Including salary				
		1.2. Position 6B				
2	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	20.00		
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
		2.1. Position 6A				
3	08-03-602-	Heating appliances: electrical	piece	4.00		

1	2	3	4	5	6	7
	2	convector				
4	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	6.00		
		Total Position 6A Including salary				
		2.2. Position 6B				
5	08-03-602-2	Heating appliances: electrical convector	piece	4.00		
6	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	6.00		
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
		3.1. Position 6A				
7	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	4.00		
8	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	6.00		
		Total Position 6A Including salary				
		3.2. Position 6B				
9	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	4.00		
10	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	6.00		
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment				

1	2	3	4	5	6	7
		Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-4-4

Electrical power equipment Indoor electrical lighting (04/2015-6a,6b-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
		1.1. Position 6A				
1	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	5.00		
2	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	5.00		
3	08-03-521-15	Switcher with lever on a plate with central or lateral trigger or trigger with a bar, mounted on metallic support, with three poles, power up to 250 A (BP32-31)	piece	1.00		
4	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, ABДТ32, ABДТ34)	piece	21.00		
5	08-03-575-1	Device or appliance dismantled before transportation (ТЭ-15, PH-47)	piece	2.00		
6	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	2.20		
7	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 40x25 mm	100 m	0.05		
8	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.30		
9	Supplier price	Support frame for 4 modules assembled on the plastic ditch	set	12.00		

1	2	3	4	5	6	7
		150x60 mm				
10	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	12.00		
11	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	0.10		
12	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50-100-3	m.l.	10.00		
13	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	10.00		
14	Supplier price	Separating wall for the perforated zincked metallic gutter h=50 mm, CLP1F-050-2	m.l.	10.00		
15	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	2.00		
16	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	100.00		
17	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	100.00		
18	08-02-409-7	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 50 mm	100 m	0.05		
19	Supplier price	PVC corrugated pipe U-PVC, 750N, d=32 mm	m.l.	5.00		
20	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.90		
21	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	90.00		
22	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	7.85		
23	Supplier price	Cable BBГНГ(A)-HF 3x1.5 mm2	m.l.	285.00		
24	Supplier price	Cable BBГНГ(A)-HF 3x2.5 mm2	m.l.	350.00		
25	Supplier price	Cable BBГНГ(A)-HF 5x2.5 mm2	m.l.	5.00		
26	Supplier price	Cable BBГНГ(A)-HF 5x4 mm2	m.l.	10.00		
27	Supplier price	Cable C2XY-F 3x4.0 mm2	m.l.	110.00		
28	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x1.5 mm2	m.l.	5.00		
29	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x2.5 mm2	m.l.	5.00		
30	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x4 mm2	m.l.	10.00		
31	Supplier price	Cable KBBГНГ(A)-FRLSL Tx-1 4x1.0 mm2	m.l.	5.00		
32	08-03-594-3	Light fitting with luminescent lamps mounted separately on	100 pieces	0.33		

1	2	3	4	5	6	7
		pylons, quantity of lamps in the light fitting, up to 4				
33	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	33.00		
34	Supplier price	Luminescent lamp 18W	piece	132.00		
35	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.18		
36	Supplier price	Luminescent light fitting LZ 2x18, IP65	piece	4.00		
37	Supplier price	Luminescent light fitting DL0 2x18, IP40	piece	14.00		
38	Supplier price	Luminescent lamp 36W	piece	8.00		
39	Supplier price	Compact luminescent lamp 18W	piece	28.00		
40	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.02		
41	Supplier price	Light fitting with incandescent lamps 60W, HПП 2604A, IP54	piece	2.00		
42	Supplier price	Incandescent lamp 60W	piece	2.00		
43	08-03-575-1	Device or appliance dismantled before transportation (supply block K-303)	piece	17.00		
44	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.12		
45	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	12.00		
46	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.04		
47	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	4.00		
48	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.82		
49	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	48.00		
50	Supplier price	Socket for the telephone network, IP20	piece	12.00		
51	Supplier price	Socket for the computer network, IP20	piece	12.00		
		Total Position 6A Including salary				
		1.2. Position 6B				
52	08-03-573-	Suspended command box	piece	5.00		

1	2	3	4	5	6	7
	4	(switchboard), height, width, and depth, mm, up to 600x600x350				
53	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	5.00		
54	08-03-521-15	Switcher with lever on a plate with central or lateral trigger or trigger with a bar, mounted on metallic support, with three poles, power up to 250 A (BP32-31)	piece	1.00		
55	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, АВДТ32, АВДТ34)	piece	21.00		
56	08-03-575-1	Device or appliance dismantled before transportation (ТЭ-15, PH-47)	piece	2.00		
57	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	2.20		
58	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 40x25 mm	100 m	0.05		
59	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.30		
60	Supplier price	Support frame for 4 modules assembled on the plastic ditch 150x60 mm	set	12.00		
61	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	12.00		
62	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	0.10		
63	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50-100-3	m.l.	10.00		
64	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	10.00		
65	Supplier price	Separating wall for the perforated zincked metallic gutter h=50 mm, CLP1F-050-2	m.l.	10.00		
66	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	2.00		
67	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	100.00		
68	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	100.00		
69	08-02-409-7	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 50 mm	100 m	0.05		

1	2	3	4	5	6	7
70	Supplier price	PVC corrugated pipe U-PVC, 750N, d=32 mm	m.l.	5.00		
71	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	2.40		
72	Supplier price	PE polyethylene pipe d=40x5.0 mm	m.l.	240.00		
73	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	9.60		
74	Supplier price	Cable BBГНГ(A)-HF 3x1.5 mm2	m.l.	250.00		
75	Supplier price	Cable BBГНГ(A)-HF 3x2.5 mm2	m.l.	350.00		
76	Supplier price	Cable BBГНГ(A)-HF 5x2.5 mm2	m.l.	5.00		
77	Supplier price	Cable BBГНГ(A)-HF 5x4 mm2	m.l.	10.00		
78	Supplier price	Cable C2XY-F 3x4.0 mm2	m.l.	320.00		
79	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x1.5 mm2	m.l.	5.00		
80	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x2.5 mm2	m.l.	5.00		
81	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x4 mm2	m.l.	10.00		
82	Supplier price	Cable KBBГНГ(A)-FRLSL Tx-1 4x1.0 mm2	m.l.	5.00		
83	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	0.33		
84	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	33.00		
85	Supplier price	Luminescent lamp 18W	piece	132.00		
86	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.18		
87	Supplier price	Luminescent light fitting LZ 2x18, IP65	piece	4.00		
88	Supplier price	Luminescent light fitting DL0 2x18, IP40	piece	14.00		
89	Supplier price	Luminescent lamp 36W	piece	8.00		
90	Supplier price	Compact luminescent lamp 18W	piece	28.00		
91	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.02		
92	Supplier price	Light fitting with incandescent lamps 60W, HIII 2604A, IP54	piece	2.00		
93	Supplier	Incandescent lamp 60W	piece	2.00		

1	2	3	4	5	6	7
	price					
94	08-03-575-1	Device or appliance dismantled before transportation (supply block K-303)	piece	17.00		
95	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.12		
96	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	12.00		
97	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.04		
98	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 20-3-ΦCp	piece	4.00		
99	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.82		
100	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	48.00		
101	Supplier price	Socket for the telephone network, IP20	piece	12.00		
102	Supplier price	Socket for the computer network, IP20	piece	12.00		
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
		2.1. Position 6A				
103	Supplier price	Metal case for installation of electrical accessories, IP54, with the following dimensions: 450x250x200 mm, in set with insulators, rails, bars, locks with keys	piece	1.00		
104	Supplier price	Box ABP-211-25-21, IP54	piece	1.00		
105	Supplier price	Case mounted on the wall ЩПН-363-1-36-YXJI3, IP31	piece	1.00		
106	Supplier price	Case mounted on the wall ЩПН-123-1-36-YXJI3, IP31	piece	2.00		
107	Supplier price	Switcher with lever BP32-31 B7112, 3P, 100A	piece	1.00		
108	Supplier	Power switch BH-32, 3P, 16A	piece	1.00		

1	2	3	4	5	6	7
	price					
109	Supplier price	Power switch BH-32, 3P, 20A	piece	2.00		
110	Supplier price	Automaton BA47-29M, 3P, 20A, °C°	piece	4.00		
111	Supplier price	Automaton BA47-29M, 3P, 16A, °B°	piece	1.00		
112	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	1.00		
113	Supplier price	Automaton BA47-29M, 1P, 10A, °C°	piece	6.00		
114	Supplier price	Automaton BA47-29M, 1P, 10A, °B°	piece	3.00		
115	Supplier price	Automaton ABДТ32, C06, 30mA	piece	6.00		
116	Supplier price	Automaton ABДТ32, C10, 30mA	piece	5.00		
117	Supplier price	Timer ТЭ15	piece	1.00		
118	Supplier price	Opening trigger PH47	piece	1.00		
119	Supplier price	Automaton ABДТ34, C16, 30mA	piece	1.00		
120	Supplier price	Supply block ES1 Conversion Kit TM K-303	piece	17.00		
		Total Position 6A Including salary				
		2.2. Position 6B				
121	Supplier price	Metal case for installation of electrical accessories, IP54, with the following dimensions: 450x250x200 mm, in set with insulators, rails, bars, locks with keys	piece	1.00		
122	Supplier price	Box ABP-211-25-21, IP54	piece	1.00		
123	Supplier price	Case mounted on the wall ЩРН-363-1-36-УХЛ3, IP31	piece	1.00		
124	Supplier price	Case mounted on the wall ЩРН-123-1-36-УХЛ3, IP31	piece	2.00		
125	Supplier price	Switcher with lever BP32-31 B7112, 3P, 100A	piece	1.00		
126	Supplier price	Power switch BH-32, 3P, 16A	piece	1.00		
127	Supplier price	Power switch BH-32, 3P, 20A	piece	2.00		
128	Supplier price	Automaton BA47-29M, 3P, 20A, °C°	piece	4.00		
129	Supplier price	Automaton BA47-29M, 3P, 16A, °B°	piece	1.00		
130	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	1.00		
131	Supplier price	Automaton BA47-29M, 1P, 10A, °C°	piece	6.00		

1	2	3	4	5	6	7
132	Supplier price	Automaton BA47-29M, 1P, 10A, °B°	piece	3.00		
133	Supplier price	Automaton ABДТ32, C06, 30mA	piece	6.00		
134	Supplier price	Automaton ABДТ32, C10, 30mA	piece	5.00		
135	Supplier price	Timer ТЭ15	piece	1.00		
136	Supplier price	Opening trigger PH47	piece	1.00		
137	Supplier price	Automaton ABДТ34, C16, 30mA	piece	1.00		
138	Supplier price	Supply block ES1 Conversion Kit TM K-303	piece	17.00		
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-4-5
Indoor low current system. Phase 1 (04/2015-6a,6b-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Position 6A				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	0.68		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.54		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.015		
4	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.045		
5	Supplier price	Sand for territory planning	m3	0.14		
6	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.015		
7	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.045		
8	Supplier price	Construction bricks 250x120x65 mm	piece	10.00		
9	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	2.00		
10	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with	m	7.00		

1	2	3	4	5	6	7
		diameter 25 mm				
11	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
12	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	4.00		
		Total Position 6A Including salary				
		1.2. Position 6B				
13	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	0.68		
14	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.54		
15	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.015		
16	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.045		
17	Supplier price	Sand for territory planning	m3	0.14		
18	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.015		
19	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.045		
20	Supplier price	Construction bricks 250x120x65 mm	piece	10.00		
21	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 108x3.0	piece	2.00		
22	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	7.00		
23	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
24	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	4.00		

1	2	3	4	5	6	7
		Total Position 6B Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 3-5

Building for detailed control of vehicles (04/2015 - 7)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-5-1

Architectural solutions (04/2015-7-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Closings and compartments				
1	CB14A	Tubular metallic scaffold for works on vertical areas for heights up to 30 m inclusively, with immobilization of the scaffold for 25 days (200 hours)	m2	511.00		
2	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² °C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m2	382.20		
3	CD73A	Walls of light plates, 50 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² °C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading	m2	13.90		

1	2	3	4	5	6	7
		screws, spacer dowels) = 1.030				
4	CB14C	Tubular metallic scaffold for finishing works on the ceilings, for heights up to 7 m inclusively, with immobilization of the scaffold for 15 days (120 hours)	m2	247.20		
5	CE44A	Covers from light plates of profiled board 0.5 mm thick, with thermal insulation, filling density 40 kg/m ³ , of Sandwich type, thickness 100 mm, thermal transfer coefficient 0.022 W/m ² °C, assembled on metallic rulers RAL according to the design Small materials (silicon, self-threading screws) = 1.020	m2	288.00		
6	CE20A	Systems of brass-type ditches from anticorrosive protected board D=125 mm Small material = 1.030	m	50.60		
7	CE22A	Systems of brass-type tubing D=87 mm from anticorrosive protected board Small material = 1.020	m	27.00		
		Total Closings and compartments Including salary				
		2. Internal finishing works				
8	CN53A	Coating the internal surfaces of the walls and ceilings	m2	116.50		
9	CI22B	Ceramic tile plywood (on walls, columns, pilasters and window sills) fixed with adhesive (dry mixture), plates' size: up to 200 x 200 mm Small materials (cloth, disc) = 1.010	m2	116.50		
		Total Internal finishing works Including salary				
		3. Carpentry				
10	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles of MZ Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1) RAL5010	m2	3.30		
11	CK23C	Plastic windows of 5 rooms, with more leaves, with double glazing LOW-E 4-24-4 mm, having the surface of the casing over 2.5 sq.m. (F1) RAL 5010	m2	64.08		
12	CK20A	Rolling shutters of aluminum board and profiles of Hormann	m2	47.22		

1	2	3	4	5	6	7
		type, including the required fittings and guiding rails (P1, P2)				
		Total Carpentry Including salary				
		4. Flooring				
		4.1. Type I				
13	TsC54C	Foundation layer of limestone gravel fr. 40-70 mm	m3	14.33		
14	TsC54C	Foundation layer of limestone gravel fr. 5-20mm	m3	7.17		
15	DB02A	Priming the surface of the main layers or of the existing base in order to apply a wear layer of asphalt mixture, made of bitumen suspension filled at the concrete cement layers or asphalt mixtures	100 m2	1.433		
16	CG48A	Flooring of reinforced concrete B20 with the superior consolidated layer 20 cm thick Note: 2 meshes d8AIII loops 200x200 mm Small materials (polyethylene film, water) = 1.020	m2	143.30		
17	CG22A3	Ready-made concrete flooring class C 16/20 (B20/M250) in thickness of 10 cm, continuous field, leveled, poured on the site, in premises bigger than 16 m2.	m2	143.30		
18	CG22A5 k=5	Simple concrete flooring class C 16/20 (B20/M250) in thickness of 10 cm, continuous field, leveled, poured on the site, in premises bigger than 16 m2, the plus difference for every cm of poured concrete, in case of using ready-made concrete Labor efforts coefficient = 5.000 Materials coefficient = 5.000 Machinery coefficient = 5.000	m2	143.30		
19	CC02M2	Reinforced concrete steel fittings PC 52 shaped in on-site construction shops, with bars over 8 mm diameter and mounted in plates, at heights smaller or equal to 35 m, excluding constructions executed with sliding formwork	kg	1 358,48		
20	CG54A	Epoxy flooring cast. "FUXRAD" "FX 47" system, 4-layer antistatic coating, 3,0 mm layer thickness on existing support Small materials (wipers, levelling rulers, tools' cleaner) = 1.009	m2	143.30		

1	2	3	4	5	6	7
		Total Type I Including salary				
		4.2. Type II				
21	TsC54C	Foundation layer of limestone gravel fr. 40-70 mm	m3	1.55		
22	TsC54C	Foundation layer of limestone gravel fr. 5-20mm	m3	0.78		
23	DB02A	Priming the surface of the main layers or of the existing base in order to apply a wear layer of asphalt mixture, made of bitumen suspension filled at the concrete cement layers or asphalt mixtures	100 m2	0.155		
24	IzF11B	Heating-insulation layer on the terrace, roofs, and slabs, executed with white-stone, on horizontal areas or those with a slope of 7%	m3	1.24		
25	CC03A	Assembling welded meshes BP-1 d5 150x150 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	28.68		
26	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	15.50		
27	CG01A1 k=4	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 4.000 Materials coefficient = 4.000 Machinery coefficient = 4.000	m2	15.50		
28	CG54A	Epoxy flooring cast. "FUXRAD" "FX 47" system, 4-layer antistatic coating, 3,0 mm layer thickness on existing support Small materials (wipers, levelling rulers, tools' cleaner) = 1.009	m2	15.50		
29	CO13A	Grate for covering the ducts from broad-leaved wood	m2	15.50		
		Total Type II Including salary				
		4.3. Type III				
30	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	84.27		
31	TsC54C	Foundation layer of limestone gravel fr. 40-70 mm	m3	8.87		
32	CG54A	Epoxy flooring cast. "FUXRAD" "FX 47" system, 4-layer antistatic	m2	88.70		

1	2	3	4	5	6	7
		coating, 3,0 mm layer thickness on existing support Small materials (wipers, levelling rulers, tools' cleaner) = 1.009				
33	CL17C	Diverse metallic confections, mounted apparently (external stairs in case of fire, etc.) exclusively parapets, railings, manhole covers, etc. (wheels' stoppers L=39.0 m)	kg	325.51		
34	CK35B	Metal dowels d12 L=100 mm fixed in reinforced concrete walls	piece	112.00		
35	CN20D	Internal or external painting applied on metallic carpentry with one layer of anti-corrosive primer and 2 layers of two-component paint based on epoxy and bonded resin of polyamide type	m2	13.98		
		Total Type III Including salary				
		Total Flooring Including salary				
		5. Finishing the basement				
36	IzF55B	External thermal insulation of buildings' walls with fine plaster based on thermal insulators (rigid fixation systems of the thermal insulation), smooth wall surface: with extruded polystyrene plate, with thickness 70 mm Small materials (cloth, foam) = 1.010	m2	36.00		
37	CF10A k=1.6	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (40 mm) Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	m2	21.00		
38	CC03A	Assembling welded meshes BP-1 d4 150x150 mm at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	25.20		
39	CN53A	Coating the internal surfaces of the walls and ceilings	m2	21.00		
40	CI21A	Plating the walls with ceramic-granite plates: size up to 400 x 400 mm. Small materials (cloth, disc) = 1.010	m2	21.00		

1	2	3	4	5	6	7
		Total Finishing the basement Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-5-2
Construction solutions (04/2015-7-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	1.96		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	12.00		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	103.00		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	1.03		
		Total Earthworks works Including salary				
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50)	m3	3.60		

1	2	3	4	5	6	7
		<p>poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means</p> <p>Small materials (resinous cases) = 1.010</p>				
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	110.84		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	165.36		
8	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	730.12		
9	CL57A	<p>Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg. Anchor bolts</p> <p>Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010</p>	kg	277.34		
10	CA03G	<p>Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200)</p> <p>Small materials (resinous cases, nails, clamps) = 1.015</p>	m3	23.92		
11	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	110.84		
12	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	5.76		
13	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or	m3	0.87		

1	2	3	4	5	6	7
		concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015				
		Total Foundations Including salary				
		1.3. Marginal wall Pr-5				
14	CB03D	Formwork of reusable panels, with plywood of 15mm for pouring concrete in walls and diaphragms in constructions up to 20 m high inclusively, supporters being included	m2	92.90		
15	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	40.30		
16	CC02J2	Concrete steel fittings PC 52 shaped in construction shops, with bars over 8 mm diameter, in walls and diaphragms at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	798.50		
17	CA05E	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant or concrete type art.CA01 and poured with classical means, reinforced concrete Class C12/15(M200) Small materials (resinous cases, nails, clamps) = 1.030	m3	6.27		
		Total Marginal wall Pr-5 Including salary				
		1.4. Visiting channels CV-1				
18	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	3.82		
19	CB03D	Formwork of reusable panels, with plywood of 15mm for pouring concrete in walls and	m2	157.00		

1	2	3	4	5	6	7
		diaphragms in constructions up to 20 m high inclusively, supporters being included				
20	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	135.55		
21	CC02J2	Concrete steel fittings PC 52 shaped in construction shops, with bars over 8 mm diameter, in walls and diaphragms at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	1 375,37		
22	CA05E	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant or concrete type art.CA01 and poured with classical means, reinforced concrete Class C12/15(M200) Small materials (resinous cases, nails, clamps) = 1.030	m3	25.72		
23	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	76.66		
		Total Visiting channels CV-1 Including salary				
		1.5. Hall for hydraulic lifting table GR-1				
24	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	1.62		
25	CB03D	Formwork of reusable panels, with plywood of 15mm for pouring concrete in walls and diaphragms in constructions up to 20 m high inclusively, supporters being included	m2	21.23		
26	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with	kg	7.02		

1	2	3	4	5	6	7
		bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork				
27	CC02J2	Concrete steel fittings PC 52 shaped in construction shops, with bars over 8 mm diameter, in walls and diaphragms at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	358.36		
28	CA05E	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant or concrete type art.CA01 and poured with classical means, reinforced concrete Class C12/15(M200) Small materials (resinous cases, nails, clamps) = 1.030	m3	4.19		
29	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	11.70		
		Total Hall for hydraulic lifting table GR-1				
		Including salary				
		1.6. Ramp R-1				
30	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	0.90		
31	CB03D	Formwork of reusable panels, with plywood of 15mm for pouring concrete in walls and diaphragms in constructions up to 20 m high inclusively, supporters being included	m2	149.44		
32	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter and mounted on beams and pillars, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	76.36		

1	2	3	4	5	6	7
33	CC02J2	Concrete steel fittings PC 52 shaped in construction shops, with bars over 8 mm diameter, in walls and diaphragms at heights less than or equal to 35 m, excluding constructions executed with sliding formwork	kg	1 869,13		
34	CA05E	Concrete poured into masonry, walls, straight diaphragms, and different special constructions, located over the zero threshold, at heights up to 35 m inclusively, prepared with the concrete plant or concrete type art.CA01 and poured with classical means, reinforced concrete Class C12/15(M200) Small materials (resinous cases, nails, clamps) = 1.030	m3	29.02		
35	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	75.00		
36	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground	m3	110.00		
37	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	1.10		
		Total Ramp R-1 Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				
38	CL01A	Ready-made steel pylons class C235, delivered fully assembled, mounted at heights up to 35 m,	t	6.818		

1	2	3	4	5	6	7
		having up to 1t inclusively				
39	CK35B	Metal dowels D=12mm, L=200mm, fixed in reinforced concrete walls	piece	16.00		
40	CP21B	Introducing in the work the mortar M 100-T for linking, making monoliths or caulking the joints at the height over 35 m, the linking or monolith assembling in pre-manufactured concrete items	m3	0.15		
41	CL03A	Ready-made steel beams with full squares, class C235, delivered fully assembled, mounted at heights up to 35 m, having up to 1t inclusively	t	4.748		
42	CL08A	Ready-made metallic steel elements, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	4.575		
43	CL08A	Ready-made metallic steel pieces, C235 class, supplied fully assembled, installed on the site, in lightweight construction structure	t	0.259		
44	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	16.40		
45	CL13A	Metallic blades from profiles C150/2.0, ready-made, from steel S350GD+ (zincked) class, mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively	t	1.743		
46	CL13A	Metallic blades from profiles Z150/2.0, ready-made, from steel S350GD+ (zincked) class, mounted on metallic beams, in constructions with the ridge height up to 10m, having the weight per piece up to 0.1 t inclusively	t	1.071		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			

1	2	3	4	5	6	7
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Metallic constructions Including salary				
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-5-3
Heating, ventilation (04/2015-7-IV)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	VB28B	Pivotal deflector Du=500mm, "Mandik" Small material = 1.005	piece	4.00		
2	CE13A2	Covers for the roofs with modified bitumen membranes Tehnoelast EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	6.30		
3	IzF09D	Connecting the waterproofing and fixing it on the roof piecing elements having a diameter between 200 and 500 mm (excluding the masonry rebates and protection metallic pieces)	piece	4.00		
4	VA19A	Mounting the ventilation ducts at a height from the floor up to 3m, from galvanized steel or aluminum board of 0.5 mm thickness, having the diameter of the circular section up to 200 mm. Small materials (wipers, silicon)=1,010	m2	12.56		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			

1	2	3	4	5	6	7
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
5	IA14A	Boiler for preparing the heating agent (hot water 90/70 degrees), of steel, mono-block, with the caloric power of up to 70 kw (Monzun CV-RTI EM)	piece	4.00		
6	IB17A	Mono-block generator of hot air, having the thermal power up to 25.000 kcal/h, inclusively (Destratificators)	piece	4.00		
7	11-03-011-01	Devices for testing the physical-chemical content of substances: device, complexity category: I (temperature sensors)	set	4.00		
8	VC01D	Assembling the axial-type ventilators with total weight 50-400 kg, assembled in metallic case Small materials and assembling = 1.005	piece	1.00		
9	08-03-605-1	Ventilator (electrical part)	piece	9.00		
10	08-03-601-1	Single command switchboard (heating and ventilation)	piece	1.00		
11	VD03F	Adjusting the fan to the ventilation, air conditioning and climate maintenance systems, through by-pass	piece	9.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
12	Supplier price	Destratificators D2, "Mandik", 650x600 mm, 20 kg, L=6500 m3/h, N=0.57kW, 230V, IP40, with temperature and calibration sensor, with elements to stick to the ceiling	piece	4.00		
13	Supplier price	Heating appliances MONZUN CV-RTI 350 EM+.JPG.TPM 041/05.57, "Mandik", with an assembling and calibration set , elements to stick to the chimney and air aspiration from stainless steel L=3.0 m	set	4.00		

1	2	3	4	5	6	7
14	Supplier price	Single command switchboard for the ventilation system with sensors for temperature + cabling + processor + Internet connection	piece	1.00		
15	Supplier price	Ventilator CK160C, "OSTBERG"	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-5-4

Electrical power equipment. Indoor electrical lighting (04/2015-7-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	5.00		
2	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	piece	5.00		
3	08-03-521-15	Switcher with lever on a plate with central or lateral trigger or trigger with a bar, mounted on metallic support, with three poles, power up to 250 A (BP32-31)	piece	1.00		
4	08-03-526-2	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 100 (BA47-29, ABДТ32, BH32)	piece	4.00		
5	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, ABДТ32, ABДТ34)	piece	18.00		
6	08-03-575-1	Device or appliance dismantled before transportation (ТЭ-15, PH-47)	piece	12.00		
7	08-03-532-4	Command post (switchboard) with buttons, common destination, mounted on construction, wall or column, quantity of the post's elements up to 3	piece	1.00		

1	2	3	4	5	6	7
8	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	0.90		
9	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	70.00		
10	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	20.00		
11	08-02-409-7	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 50 mm	100 m	0.20		
12	Supplier price	PVC corrugated pipe U-PVC, 750N, d=32 mm	m.l.	20.00		
13	08-02-410-1	Polyethylene pipe on the floor stand, diameter up to 25 mm	100 m	0.30		
14	Supplier price	PE pipe for electrical fitting d20	m.l.	25.00		
15	Supplier price	PE pipe for electrical fitting d25	m.l.	5.00		
16	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.15		
17	Supplier price	PE pipe for electrical fitting d32	m.l.	15.00		
18	08-02-396-6	Metallic channel on walls and ceilings, length 3 m	100 m	1.30		
19	Supplier price	Perforated zincked metallic gutter 50x100x3000 mm, CLP10-50-100-3	m.l.	130.00		
20	Supplier price	Separating wall for the perforated zincked metallic gutter h=35 mm, CLP1F-035-2	m.l.	130.00		
21	Supplier price	Cap for the perforated zincked metallic gutter B=100 mm, CLP1K-100-1	m.l.	20.00		
22	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	7.35		
23	Supplier price	Cable BBГНГ-LS-0.66 3x1.5 mm2	m.l.	395.00		
24	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x1.5 mm2	m.l.	130.00		
25	Supplier price	Cable BBГНГ-LS-0.66 3x2.5 mm2	m.l.	20.00		
26	Supplier price	Cable BBГНГ(A)-FRLSLTx 3x2.5 mm2	m.l.	10.00		
27	Supplier price	Cable BBГНГ-LS-0.66 3x4 mm2	m.l.	20.00		
28	Supplier price	Cable BBГНГ-LS-0.66 5x2.5 mm2	m.l.	135.00		
29	Supplier price	Cable BBГНГ(A)-FRLSLTx 5x4 mm2	m.l.	10.00		
30	Supplier price	Cable BBГНГ-LS-0.66 5x6 mm2	m.l.	5.00		
31	Supplier price	Cable KBBГНГ(A)-FRLSL Tx-1 4x1.0 mm2	m.l.	10.00		
32	08-02-412-	Introducing conductors in metal	100 m	2.00		

1	2	3	4	5	6	7
	2	pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm2				
33	Supplier price	Thread ПБ 1x4 mm2	m.l.	100.00		
34	Supplier price	Thread ПБ 1x6 mm2	m.l.	100.00		
35	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.43		
36	Supplier price	Luminescent light fitting LZ 2x36, IP65	piece	43.00		
37	Supplier price	Luminescent lamp 36W	piece	86.00		
38	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.09		
39	Supplier price	Light fitting with incandescent lamps 60W, HIII 1307, IP54	piece	1.00		
40	Supplier price	Light fitting with incandescent lamps 60W, HIII 3114, IP54	piece	8.00		
41	Supplier price	Incandescent lamp 60W	piece	8.00		
42	Supplier price	Compact luminescent lamp 7W	piece	1.00		
43	08-03-603-1	Box with descending transformers	piece	1.00		
44	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.03		
45	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	1.00		
46	Supplier price	Two-flaps switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	2.00		
47	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.02		
48	Supplier price	Block of 2 plugs, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 22-3-ΦCp	piece	2.00		
49	08-03-591-11	Three-polar plug outlet	100 pieces	0.02		
50	Supplier price	Power plug 2P+PE with cradle, sealed, IP54, 32A, 380V of type CCI-123	piece	1.00		
51	Supplier price	Power plug 3P+N+PE with cradle, sealed, IP54, 16A, 380V of type CCI-115	piece	1.00		
		Total	USD			
		Social and health insurance	%			

1	2	3	4	5	6	7
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		2. Equipment				
52	Supplier price	Metal case for installation of electrical accessories, IP54, with the following dimensions: 450x250x200 mm, in set with insulators, rails, bars, locks with keys	piece	1.00		
53	Supplier price	Case mounted on the wall ЩРН-363-1-36-УХЛ3, IP31	piece	1.00		
54	Supplier price	Case ABP-203-10-54, IP54	piece	1.00		
55	Supplier price	Box for automatons assembled on the wall КМПИ-1/4, IP54	piece	1.00		
56	Supplier price	Case mounted on the wall ЩМПИ-1-0 74 У2, IP54	piece	1.00		
57	Supplier price	Switcher with lever BP32-31 B7112, 3P, 100A	piece	1.00		
58	Supplier price	Automaton BA47-29M, 3P, 32A, °C°	piece	1.00		
59	Supplier price	Automaton BA47-29M, 3P, 40A, °C°	piece	1.00		
60	Supplier price	Automaton АВДТ32, C32, 30mA	piece	1.00		
61	Supplier price	Power switch BH-32, 3P, 40A	piece	1.00		
62	Supplier price	Automaton BA47-29M, 3P, 10A, °C°	piece	2.00		
63	Supplier price	Automaton BA47-29M, 1P, 25A, °C°	piece	1.00		
64	Supplier price	Automaton BA47-29M, 1P, 10A, °B°	piece	1.00		
65	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	3.00		
66	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	4.00		
67	Supplier price	Power switch BH-32, 3P, 16A	piece	1.00		
68	Supplier price	Power switch BH-32, 1P, 16A	piece	1.00		
69	Supplier price	Automaton АВДТ34, C16, 30mA	piece	1.00		
70	Supplier price	Automaton АВДТ34, C10, 30mA	piece	3.00		
71	Supplier price	Automaton АВДТ32, C06, 30mA	piece	1.00		
72	Supplier price	Timer ТЭ15	piece	1.00		

1	2	3	4	5	6	7
73	Supplier price	Opening trigger PH47	piece	2.00		
74	Supplier price	Switchboard with one button КП101	piece	1.00		
75	Supplier price	Button SB-7 "STOP"	piece	1.00		
76	Supplier price	Transformation Box ЯТН-250-220/12	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-5-5
Internal water supply and sewerage networks (04/2015-7-RAC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Aqueduct				
1	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 20x2.1 mm	m	3.00		
2	SA37B	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 3/4"	piece	4.00		
3	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=20x9 mm Small material = 1.050	m	3.00		
4	SA15B	Pipe of plastic material PPRC-3 PN10 joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 25x2.5 mm	m	1.00		
5	RpIF09B	Insulating the pipes with special insulation collars, introduced on the pipes, of Armaflex type, with diameter and thickness from D=25x9 mm	m	1.00		

1	2	3	4	5	6	7
		Small material = 1.050				
6	SA37C	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 1"	piece	2.00		
7	SD07A	Passing tap with valve and plug with the diameter of 1/2" Small material (hemp tows, minium primer, etc.) = 1.020	piece	1.00		
8	SD07B	Passing tap with valve and plug with the diameter of 3/4" Small material (hemp tows, minium primer, etc.) = 1.020	piece	3.00		
9	SD12A	Non-return valve with bow for connection with threaded sleeves, with the diameter 1/2" Small materials (hemp tows, lead minium primer, etc.) = 1.020	piece	1.00		
10	SF01C	Performing the sealing pressure test for the installation of hot or cold water, executed on the hard-type polyvinyl chloride pipes, having the diameter of 16-110 mm	m	4.00		
11	SF02C	Operational test for cold water installation performed with the pipe from hard-type polyvinyl chloride or plastic, having the diameter of 16-110 mm	m	0.40		
12	SF05C	Washing up the hot and cold water installation, executed from plastic pipes, with the diameter of 20-75 mm	m	4.00		
		Total Aqueduct Including salary				
		1.2. Sewerage				
13	SB08C	Plastic sewer pipe , combined with rubber case, surface-mounted or buried under the floor, having a diameter of 50 mm	m	18.00		
14	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc.)=1,050	kg	1.00		
15	SB10C	The linking piece from plastic (simple ramification D50) for sewerage, combined with rubber case, having a diameter of 50 mm	piece	1.00		
16	SB09C	Plastic T-bend for sewerage, combined with rubber case, with the diameter of 50 mm, 45"	piece	4.00		
17	SB09C	Plastic refit for sewerage, combined with rubber case, with	piece	1.00		

1	2	3	4	5	6	7
		the diameter of 50 mm				
18	SF04A	Performing the leak test and operation of sewerage pipes made of cast iron pipes for drain, polyvinyl chloride and non-plasticized tubes of light type or plastic, the iron pipe having a diameter up to 100 mm inclusively	m	1.80		
19	SC04C	Sink from sanitary semi-porcelain or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a stand Small materials (wooden dowel, gypsum, adhesive etc.) = 1.020	piece	1.00		
20	SD04A	Mounting the static mixing battery with swinging boom for the washbasin or sink, regardless of the switch-off model, including for disable people, with the diameter of 1/2"	piece	1.00		
21	SC13A	Sanitary mirror from semi-crystal with ground edges, having the size 400 x 500 x 600 mm, mounted in the wall of bricks or autoclaved aerated concrete Small materials (dowels, gypsum, etc.) = 1.020	piece	1.00		
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
22	SE57A	Preparing device for hot waste water, functioning with heating agent of hot water of 70-90 degrees C, having the capacity up to 1000l	piece	1.00		
23	08-03-602-1	Heating appliances: electrical towel (electrical part, boiler)	piece	1.00		
24	SE58A	Meters for hot and cold water, diameter - 15..25 mm Small materials (hemp tows, minium primer, etc.) = 1.010	piece	1.00		
25	SE56A	Filter for drinking water, with threaded sleeves to be installed on	piece	1.00		

1	2	3	4	5	6	7
		the pipe, with the diameter 1" - 2” Small materials (hemp tows, lead minium primer, etc.) = 1.010				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
26	Supplier price	Electrical preparation of hot water V=30 l	piece	1.00		
27	Supplier price	Cold water meter Dn=15 mm	piece	1.00		
28	Supplier price	Grate-based filter for impurities 1/2"	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-5-6
Indoor low current system Phase 1 (04/2015-7-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	0.68		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.54		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.013		
4	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.039		
5	Supplier price	Sand for territory planning	m3	0.14		
6	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.013		
7	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.039		
8	Supplier price	Construction bricks 250x120x65 mm	piece	6.00		
9	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the	piece	2.00		

1	2	3	4	5	6	7
		walls, the pipe having the diameter 108x3.0				
10	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	14.00		
11	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	3.00		
12	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	3.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-5-10
Internal gas supply (04/2015-7-AGI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	IC26C	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 32x3.2 mm	m	20.00		
2	IC26B	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 25x3.2 mm	m	30.00		
3	IC26A	Longitudinally welded black steel pipe, for installations, non-threaded, assembled by welding in distribution tubes, in gas installations for residential and social-cultural buildings, the pipe having a diameter of 20x2.8 mm	m	27.00		
4	GD05A	Steel bend 90°, assembled on pipes through welding, having Dn 1 1/4"; 32x3.2 mm	piece	6.00		
5	GD05A	Steel T-bend 90°, assembled on pipes through welding, having Dn 1 1/4"; 25x3.2 mm	piece	6.00		

1	2	3	4	5	6	7
6	GD05A	Steel reduction, assembled on pipes through welding, having Dn 32x3.2/25x3.2 mm	piece	1.00		
7	GD08A	Bellied cap of welded steel board, for pipes, having Dn 32x3.2 mm	piece	1.00		
8	GD02D	Steel pipe without welding, for derivations, having the Dn 2" (protection tube)	m	0.20		
9	GD02C	Steel pipe without welding, for derivations, having the Dn 1 1/2" (protection tube)	m	0.20		
10	AcF13A	Embedding the heads with bitumen and bituminous tows on the protective tubes with diameters: up to 150 mm Small materials (support gussets, wooden stoppers)=1.001	piece	2.00		
11	GE05A	Steel flange Dn 10-25, electrically welded on pipes, with Dn: -32 mm	piece	1.00		
12	ID11A	Tap with plug (cup) with ends to connect the rubber tube, for gas installations, having a nominal diameter of 1/2" 11Б126к	piece	1.00		
13	ID10B	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations, having a nominal diameter of 3/4" 11Б126к	piece	5.00		
14	ID10C	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations, having nominal diameter of 1" 11ч36к	piece	1.00		
15	ID10D	Tap with stopcock plug (cup) and connectors or plug with valves, with the body clogged with valves, for gas installations, having a nominal diameter of 1 1/4" 11Б27П	piece	1.00		
16	IC42A	Supporters and devices to support the tubes, boilers, appliances and recipients, with the weight up to 2 kg / piece (installing the tube on the wall)	kg	8.25		
17	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on	t	0.009		

1	2	3	4	5	6	7
		profiles with thicknesses up to 7 mm inclusively				
18	CN23A	Paintings of superior quality of the functional installations, executed with oil-based paint on pipes with the exterior diameter up to 34 mm inclusively	m	78.00		
19	IE06A	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, diameter up to 1"	m	57.00		
20	IE06B	Preliminary pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, diameter over 1"	m	21.00		
21	IE07A	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter up to 1", inclusively	m	57.00		
22	IE07B	Final pressure verification of the mounted gas pipes, including of the taps, without meters and usage devices, the pipes having the diameter over 1"	m	21.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
23	08-02-401-1	Cable, fixing with clamps, strips, with installation of ramification boxes, with 2-4 wires, the section of the wire up to 16 mm2	100 m	0.45		
24	Supplier price	Cable КВВГнг 4x1.5 mm2	m.l.	45.00		
25	11-04-028-01	Connecting the plug connectors in the apparatus, quantity of contacts on the connector, pieces, up to: 14	1 connect or	2.00		
26	ID13C	Thermal-blocking clack with valves KT3-001-32, installed on the gas pipes, having the nominal diameter 1 1/4"	piece	1.00		
27	11-03-011-02	Devices for testing the physical-chemical content of substances:	set	1.00		

1	2	3	4	5	6	7
		device, complexity category: II.				
28	11-02-042-03	Valves and dampers with triggering lever: control tap, conventional passage diameter, mm: 25, 32	piece	1.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
29	Supplier price	Thermo-blocking valve KT3-001 Dc32	piece	1.00		
30	Supplier price	Gas detector CH4, CO CГБ-1-2E	piece	1.00		
31	Supplier price	Blocking clack Dc32 “normally closed”	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-5-11
Technological equipment. Phase 1 (04/2015-7-TP)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	M1C22A	Technological crane, with its own weight of 1-5 t, assembled at height up to 15 m, with the help of the crane	t	1.30		
2	M1C03A	Hydraulic elevator, delivered in sub-sets, having the total weights up to 4 t (TST-40C)	t	0.65		
3	M1C03A	Hydraulic elevator, delivered in sub-sets, having the total weights up to 4 t	t	2.60		
4	M1C31A	Calibration test for the weight lifting means of 0.10-3 t	piece	3.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
5	Supplier price	Suspended electrical crane Q=1.0tn, Hr=6.0 m, L=7.80m, distance between the control axes - 6.0 m, U=380V, premises cat. 3,	set	1.00		

1	2	3	4	5	6	7
		N=2.42kW				
6	Supplier price	Hydraulic elevator with 2 pillars Q=4.0tn, Hr=2.76 m, distances between axes - 2.95 m, U=380V, N=2.20kW	set	1.00		
7	Supplier price	Elevator of scissor type Q=5.0tn, Hr=1.20 m, plan sizes 3.00x4.00, U=380V, N=2.60kW	set	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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BILL OF QUANTITIES FOR OBJECT No. 3-7

Pedestrian Control Post (04/2015 - 9)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-7-1

Architectural solutions (04/2015-9-SA)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Closings and compartments				
1	CL10C	Stairs , fences , walkways , platforms, wind-protection units, grates, bars and metal structures supporting the technological equipment or metallic platforms servicing the big aggregates delivered in ready-made sub-sets, at heights up to 35 m and weight up to 0,150 t, assembled by welding position 5.6	t	0.058		
2	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.058		
3	CD73A	Walls of light plates, 80 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m3, thermal transfer coefficient 0.022 W/m²C, Sandwich type, assembled on	m2	18.50		

1	2	3	4	5	6	7
		metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030				
4	CD73A	Walls of light plates, 60 mm thick, from profiled board 0.5 mm thick, with thermal insulation from polyurethane foam with density of 40 kg/m ³ , thermal transfer coefficient 0.022 W/m ² ·°C, Sandwich type, assembled on metallic rulers from reinforced concrete at heights of 12 m: arranged in front of the rulers RAL according to the design Small materials (silicon, self-threading screws, spacer dowels) = 1.030	m ²	7.80		
5	CE44A	Covers from light plates of profiled board 0.5 mm thick, with thermal insulation, filling density 40 kg/m ³ , of Sandwich type, thickness 100 mm, thermal transfer coefficient 0.022 W/m ² ·°C, assembled on metallic rulers RAL according to the design Small materials (silicon, self-threading screws) = 1.020	m ²	12.50		
6	CE06A1	Galvanized board covers 0.5 mm, mounted on metal blades, executed on areas smaller or equal to 40 m ² with sheets of profiled board with fastening clasps and special mechanical screws, on the top flange, including the execution of valleys, aprons, connections to chimneys etc. Small materials (material for gluing the board) = 1.050	m ²	1.30		
		Total Closings and compartments Including salary				
		2. Carpentry				
7	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles of MZ Hormann type, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1) RAL5010	m ²	3.78		
8	CK23C	Plastic windows of 5 rooms, with more leaves, with double glazing LOW-E 4-24-4 mm, having the surface of the casing over 2.5 sq.m. (F2) RAL 5010	m ²	6.48		

1	2	3	4	5	6	7
9	CK23B	Plastic windows of 5 rooms, with one construction leave, with double glazing LOW-E 4-24-4 mm, having the surface of the casing between 1.00 and 2.5 sq.m. inclusively (F2) RAL 5010	m2	6.24		
10	CK26C	Sills assembled on plastic windows B=200mm	m	5.40		
		Total Carpentry Including salary				
		3. Flooring				
11	CG32A	Fillings in layers compacted with the help of manual means, made with clay	m3	2.13		
12	TsC54C	Foundation layer of limestone gravel fr. 20-40 mm	m3	0.86		
13	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	10.64		
14	CG22A4 k=2	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, minus difference for every cm of poured concrete, in case of using on-site concrete Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	-10.64		
15	IzF53A	Executing manually the flooring support with thermal-insulating layer from extruded polystyrene plates, D=35 kg/m3, thickness 80 mm, in one layer Small materials (metal bars D= 6-8 mm, length 400 mm) = 1.015	m2	10.64		
16	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	10.64		
17	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	10.64		
18	CG01A1 k=3	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The plus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 3.000 Materials coefficient = 3.000	m2	10.64		

1	2	3	4	5	6	7
		Machinery coefficient = 3.000				
19	CN53A	Coating the internal surfaces of the walls and ceilings	m2	10.64		
20	CG47C	Ceramic tile floors with roughness, class 4 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	10.64		
21	CE23B	Plinths from anticorrosive protected sheet 0.5 mm thickness for length of over 2 m, with width 140 mm, position 27 Small materials (wires, nails, dowels, hard water) = 1.040	m	16.00		
		Total Flooring Including salary				
		4. Finishing the basement				
22	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.03		
23	CF10A k=1.6	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer (40 mm) Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	m2	3.00		
24	CN53A	Coating the internal surfaces of the walls and ceilings	m2	3.00		
25	CI21A	Plating the walls with ceramic-granite plates: size up to 400 x 400 mm. Small materials (cloth, disc) = 1.010	m2	3.00		
		Total Finishing the basement Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

Form No. 1
WinCmeta

LOCAL ESTIMATE No 3-7-2
Construction solutions (04/2015-9-C)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Earthworks				
1	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m3	0.15		
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	0.75		
3	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles, including smashing of earth bolls from the middle ground	m3	15.59		
4	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil	100 m3	0.16		
		Total Earthworks works Including salary				

1	2	3	4	5	6	7
		1.2. Foundations				
5	CA02C	Simple concrete C2.8/3.5 (M50) poured in equalization, slabs at the height of 35m inclusively, concrete, pouring with classical means Small materials (resinous cases) = 1.010	m3	0.75		
6	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	27.52		
7	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	40.60		
8	CC01E1	Concrete steel fittings OB 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	6.80		
9	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	97.44		
10	CL57A	Assembling and fixing the pieces embedded in monolith reinforced concrete: with weight under 4 kg Small materials and assembling (vaseline, cloth, petrol, etc.) = 1.010	kg	22.80		
11	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	4.75		
12	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	25.03		
		Total Foundations Including salary				
		<i>Total</i>	USD			

1	2	3	4	5	6	7
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Metallic constructions				
13	CL08A	Ready-made metallic elements (columns, beams , trusses) of C235 class steel, supplied fully assembled, installed on the site, in lightweight construction structure	t	0.607		
14	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.607		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Metallic constructions Including salary				
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-7-3
Heating, ventilation and air-conditioning (04/2015-9-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	SA16A	Plastic pipe joined by poly-fusion welding, in columns, in dwelling and social-cultural buildings, having the diameter of 20 mm	m	3.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
2	08-03-602-2	Heating appliances: electrical convector	piece	2.00		
3	VC37A	Installing the domestic air conditioning appliances (split-system), the engine power up to 4.5 kW, on the stairs Small material = 1.050	piece	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			

1	2	3	4	5	6	7
		Total Mounting works Including salary				
		3. Equipment				
4	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	2.00		
5	Supplier price	Wall-based split conditioner YORK YVHC 09.	set	1.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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Verified

(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-7-4

Electrical power equipment. Indoor electrical lighting (04/2015-9-EEF/IEI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	1.00		
2	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	11.00		
3	08-02-390-1	Plastic ditches with width up to 40 mm Plastic ditch 25x25 mm	100 m	0.60		
4	08-02-390-3	Plastic ditch with width: up to 120 mm. Plastic ditch 150x60 mm with separating wall of Primer type	100 m	0.20		
5	Supplier price	Support frame for 4 modules assembled on the plastic ditch 150x60 mm	set	4.00		
6	Supplier price	Support frame for 6 modules assembled on the plastic ditch 150x60 mm	set	4.00		
7	08-02-409-6	Viniplast pipe on installed constructions, based on the floor stand, diameter up to 25 mm	100 m	0.60		
8	Supplier price	PVC corrugated pipe U-PVC, 750N, d=20 mm	m.l.	35.00		
9	Supplier price	PVC corrugated pipe U-PVC, 750N, d=25 mm	m.l.	25.00		
10	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.05		
11	Supplier price	PE polyethylene pipe d=40x5.0	m.l.	5.00		

1	2	3	4	5	6	7
		mm				
12	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	1.61		
13	Supplier price	Cable BBГHГ-LS-0.66 3x1.5 mm2	m.l.	85.00		
14	Supplier price	Cable BBГHГ-LS-0.66 3x2.5 mm2	m.l.	75.00		
15	Supplier price	Cable BBГHГ-LS-0.66 5x4 mm2	m.l.	1.00		
16	08-03-594-3	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, up to 4	100 pieces	0.04		
17	Supplier price	Light fitting luminescent OPL/S 4x18, IP20	piece	4.00		
18	Supplier price	Luminescent lamp 18W	piece	16.00		
19	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.02		
20	Supplier price	Light fitting with incandescent lamps 60W, HIIII 1307, IP54	piece	2.00		
21	Supplier price	Compact luminescent lamp 7W	piece	2.00		
22	08-03-575-1	Device or appliance dismantled before transportation (supply block K-303)	piece	2.00		
23	08-03-596-3	Projector, assembled separately on the steel construction, on the roof of the building, with the lamp, power, W: 500 (CДO 01-10 LED)	100 pieces	0.04		
24	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.08		
25	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	6.00		
26	Supplier price	Two-flaps switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	2.00		
27	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.02		
28	Supplier price	Block of 2 plugs, open installation, with appropriate earthing, IP54, 16A, 220V, PC6 22-3-ΦCp	piece	2.00		
29	08-03-591-9	Plug socket with one flap, unburied, in closed installation	100 pieces	0.24		
30	Supplier price	Plug, closed installation, with appropriate earthing, IP20, 16A, 220V	piece	16.00		
31	Supplier	Socket for the telephone network,	piece	4.00		

1	2	3	4	5	6	7
	price	IP20				
32	Supplier price	Socket for the computer network, IP20	piece	4.00		
33	08-02-472-2	Grounding conductor: ground plate, horizontal, from strip steel, section 160 mm ²	100 m	0.10		
34	08-02-472-9 f	Grounding conductor, open, on construction supports, from round steel, diameter 20 mm	100 m	0.11		
35	08-02-471-4 f	Ground plate, vertical, from round steel, diameter 20 mm	10 pieces	0.30		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
36	Supplier price	Case mounted on the wall ИПН-243-0-74-Y2, IP54	piece	1.00		
37	Supplier price	Power switch BH-32, 3P, 25A	piece	1.00		
38	Supplier price	Power switch BH-32, 3P, 16A	piece	1.00		
39	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	1.00		
40	Supplier price	Automaton BA47-29M, 1P, 10A, °C°	piece	1.00		
41	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	3.00		
42	Supplier price	Automaton AB/IT32, C06, 30mA	piece	2.00		
43	Supplier price	Automaton AB/IT32, C10, 30mA	piece	2.00		
44	Supplier price	Supply block ES1 Conversion Kit TM K-303	piece	2.00		
45	Supplier price	Projector LED CDO 01-10, IP65	piece	4.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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(position, signature, name, surname)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-7-5
Indoor low current system Phase 1 (04/2015-9-SCS)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	2.55		
2	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	2.02		
3	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.056		
4	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.168		
5	Supplier price	Sand for territory planning	m3	0.53		
6	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.056		
7	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.168		
8	Supplier price	Construction bricks 250x120x65 mm	piece	25.00		
9	IC44B	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the	piece	2.00		

1	2	3	4	5	6	7
		diameter 108x3.0				
10	AcA52A	Polyethylene pipe for technical use, mounted in ditch, with diameter 25 mm	m	30.00		
11	AcA53A	Combining through electro-fusion welding the pipe and the fitting (bend) from polyethylene, the pipe having the diameter 25 mm Labor efforts coefficient = 0.500 Machinery coefficient = 0.500	piece	4.00		
12	Supplier price	Sealing adaptor for the pipes D=25 mm	piece	4.00		
13	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	0.40		
14	Supplier price	PVC pipe for electrical fitting d16	m.l.	40.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Construction works Including salary				
		2. Mounting works				
15	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm2	100 m	8.70		
16	Supplier price	Cable F-U/UTP6e 4x2x0.5	m.l.	870.00		
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

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(position, signature, name, surname)

**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-7-8
Fire fighting equipment Phase 1 (04/2015-9-SI)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-02-412-1	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 2,5 mm ²	100 m	1.50		
2	Supplier price	Cable КПСЭНГ(А)-FRHF-2x2x0.20	m.l.	150.00		
3	08-02-412-2	Introducing conductors in metal pipes and hoses: the first conductor is mono-strand or multi-strands in joint braiding, summary section up to 6 mm ²	100 m	0.70		
4	Supplier price	Cable ББГНГ(А)-FRHF 3x1.0 mm ²	m.l.	70.00		
5	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	0.15		
6	Supplier price	PVC corrugated pipe d16	m.l.	15.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				

1	2	3	4	5	6	7
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

BILL OF QUANTITIES FOR OBJECT No. 3-8

Auxiliary building (04/2015 - 24/2)

**Building the jointly operated
border crossing point “Palanca”
on the territory of the Republic
of Moldova**

Form No. 1
WinCmeta

(name of the site)

LOCAL ESTIMATE No 3-8-1

Architectural-constructive solutions (04/2015-24/2-SAC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Demolishing works				
1	RpCK42C	Dismantling the floors of cold concrete tiles, marble, stone, floor tiles, ceramic tiles, etc.	m2	21.10		
2	RpCK41C	Dismantling the carpet flooring of PVC coverage on textile support or not, carpet laying, etc.	m2	12.60		
3	RpCK42A	Dismantling the cold flooring from concrete or cement mortar	m2	19.70		
4	RpCK42A	Dismantling the cold flooring from concrete or cement mortar	m2	53.40		
5	RpCK42A	Dismantling the cold flooring from concrete or cement mortar	m2	56.80		
6	RpIzC45B	Dismantling the insulating or protective materials: granular (slag, granular or similar)	m3	5.68		
7	RpCK42A	Dismantling the cold flooring from concrete or cement mortar	m2	7.70		
8	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling	m2	100.10		
9	RpCJ35B	Dismantling the special interior or exterior coating in stone dust, mosaic, etc.	m2	44.10		
10	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling	m2	65.00		
11	RpCG29C	Demolishing the walls from full brick masonry, autoclaved aerated concrete, ceramic or light concrete blocks, GVP bricks, exclusively the scaffold and cleaning the	m3	6.20		

1	2	3	4	5	6	7
		bricks				
12	RpCO56A	Dismantling of the wooden carpeting (doors, windows, shutter, rolls, cases, masks, etc.)	m2	25.10		
13	RpCI42C	Demolishing the roof elements - covering tiles, roofing tiles or pressed board sheets, PAS , PVC, etc.	m2	87.20		
14	TsH92B	Loading the trucks with soil (land) with stones and boulders	t	52.74		
15	TsI50A4	Transportation of the ground with the dumper of 5 t at a distance of 4 km	t	52.74		
		Total Demolishing works Including salary				
		2. Closings and compartments				
16	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopes, in middle ground	m3	0.95		
17	CC01E	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in continuous and radiation foundations	kg	2.40		
18	CC01F1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in continuous and radiation foundations	kg	14.20		
19	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015	m3	0.95		
20	IzF50A	Hydro-insulation performed with cement mortar with liquid glass at foundations and walls, applied on horizontal surfaces	m2	1.65		
21	CD50J	Brickwork from simple bricks, made of 250 x 120 x 65 in fillings of frames, with the height up to 4 m	m3	0.65		
22	CD51C	Brickwork, format 250 x 120 x 65 for dividing reinforced walls with the thickness of 1/2 bricks, and height up to 4 m	100 m2	0.32		

1	2	3	4	5	6	7
		Total Closings and compartments Including salary				
		3. Carpentry				
23	CK23A	Plastic windows of 3 rooms, with one construction leave, with double glazing 4-24-4 mm, having the surface of the casing up to 1.00 sq.m. inclusively (F1) RAL 5010	m2	3.75		
24	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U1, U2)	m2	5.20		
25	CK12D	Metallic thermal-insulated doors manufactured from rolled iron profiles, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (in two leaves, with the surface of the casement up to 7m2 inclusively (U3)	m2	8.38		
26	CK12A	Metallic thermal-insulated doors manufactured from rolled iron profiles, steel-band cold-cut profiles, including necessary coat and accessories for the assembled doors (U4)	m2	2.01		
27	CK56A	Installing the elements of protection against fire: full metal doors, in one leaf (UC1) access to the veranda	m2	0.58		
28	CL20A	Ready-made painted metal ventilation grills 580x630(h) mm assembled in the masonry	piece	8.00		
29	CK33A	Automated device for closing the doors	piece	2.00		
30	CK26C	Sills assembled on plastic windows	m	4.50		
31	CK26B	Sills assembled at the windows from aluminum	m	4.50		
		Total Carpentry Including salary				
		4. Roof				
32	CE07A	Covering from imprinted board plates C21-1000-0.6 RAL9010 for covering the roofs Small material = 1.050	m2	79.00		
33	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm	m	17.60		

1	2	3	4	5	6	7
		thickness on a layer of roofing felt mounted on a equalization dig of cement mortar -T M 100 , secured on concrete elements, for lengths of more than 2 m, with width between 245 cm. Small materials (wires, nails, dowels, hard water) = 1.040				
34	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on a equalization dig of cement mortar M 100 - T, secured on concrete elements, for lengths of more than 2 m, with width between 290 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	26.00		
35	CE40A	Installing the frame beams elements (bars) with antiseptic treatment	m3	0.13		
36	CK35D	Plastic dowels d8x80 fixed in reinforced concrete walls	piece	52.00		
37	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	0.13		
38	CE23D	Sills made of anti-corrosive protected galvanized sheet of 0.5 mm thickness on a layer of bitumen cardboards, fixed on brick masonry, for lengths of more than 2 m, with width 500 mm. Small materials (wires, nails, dowels, hard water) = 1.040	m	26.00		
39	CE20A	Systems of brass-type ditches from anticorrosive protected board D=125 mm Small material = 1.030	m	17.60		
40	CE22A	Systems of brass-type tubing D=87 mm from anticorrosive protected board Small material = 1.020	m	9.00		
		Total Roof Including salary				
		5. Internal finishing works				
		5.1. Walls				
41	CN53A	Coating the internal surfaces of the walls and ceilings	m2	168.70		
42	CF10A	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime	m2	168.70		

1	2	3	4	5	6	7
		mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer				
43	CN53A	Coating the internal surfaces of the walls and ceilings	m2	168.70		
44	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2,0 mm on the areas of walls, columns, and ceilings Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	168.70		
45	CF56A	Manual application of the putty for interior works "Mesterul Manole" thickness 0,5 mm on the areas of walls, columns, and ceilings	m2	168.70		
46	CN53A	Coating the internal surfaces of the walls and ceilings	m2	168.70		
47	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	168.70		
		Total Walls Including salary				
		5.2. Ceilings				
48	CN53A	Coating the internal surfaces of the walls and ceilings	m2	53.50		
49	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	53.50		
50	CF56A	Manual application of the putty for interior works "Mesterul Manole" thickness 0,5 mm on the areas of walls, columns, and ceilings	m2	53.50		
51	CN53A	Coating the internal surfaces of the walls and ceilings	m2	53.50		
52	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	53.50		
		Total Ceilings Including salary				
		5.3. Flooring				
		5.3.1. Type I				

1	2	3	4	5	6	7
53	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	0.296		
54	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	29.60		
55	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	29.60		
56	CI14A	Linear elements of stoneware plates, resistance class 3, applied with adhesive H=150 mm Small materials (water, cloth, etc.) = 1.050	m	33.00		
		Total Type I Including salary				
		5.3.2. Type II				
57	TsC53A k=1.6	Compacting the soil with gravel th. 80 mm Labor efforts coefficient = 1.600 Materials coefficient = 1.600 Machinery coefficient = 1.600	100 m2	0.24		
58	CG22A1	Simple concrete flooring class C 10/8 (Bc 10 / B 150) in thickness of 10 cm, continuous field, leveled, poured on the site, in rooms with less than or equal to 16 m2.	m2	24.00		
59	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	24.00		
60	CG01A1 k=6	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The minus difference for every 0.5 cm of the plaster support layer Labor coefficient = 6.000 Materials coefficient = 6.000 Machinery coefficient = 6.000	m2	24.00		
61	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m2	28.00		

1	2	3	4	5	6	7
62	CE13A2	Covers for the roofs with modified bitumen membranes Bicroelast bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m2	28.00		
63	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	24.00		
64	CG01A1 k=2	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face. The minus difference for every 0.5 cm of the plaster support layer Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	24.00		
65	CG47C	Ceramic tile floors with roughness, class 3 of resistance to wear and tear, including the support layer from adhesives, plate size : up to 300 x 300 mm Small materials (cloth) = 1.010	m2	24.00		
66	CI14A	Linear elements of stoneware plates, resistance class 3, applied with adhesive H=150 mm Small materials (water, cloth, etc.) = 1.050	m	26.60		
		Total Type II Including salary				
		5.3.3. Type III				
67	CE17A	Additional layer of polyethylene film th. 100mk Small material = 1.030	m2	56.80		
68	IzF52A	Execution of the thermal and acoustic insulation from fibrous cellular monolithic concrete, thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010	m2	56.80		
69	IzF52A1 k=5	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm, is added or subtracted Labor efforts coefficient = 5.000 Materials coefficient = 5.000 Machinery coefficient = 5.000	m2	56.80		
70	CG01A	Supporting layer for flooring executed from cement mortar M 150 of 3 cm thickness with delicately smoothed face	m2	56.80		

1	2	3	4	5	6	7
		Total Type III Including salary				
		Total Flooring Including salary				
		Total Internal finishing works Including salary				
		6. Facade				
71	CB14A	Tubular metallic scaffold for works on vertical areas for heights up to 30 m inclusively, with immobilization of the scaffold for 25 days (200 hours)	m2	181.60		
72	CN53A	Coating the internal surfaces of the walls and ceilings	m2	44.10		
73	CF10A k=1.2	Exterior coating sprayed on brick or concrete masonry with the thickness of 2,5 cm, executed manually, with cement-lime mortar M 50-T for sprit and lime-cement mortar M 25-T for the ground or continuously visible layer Labor efforts coefficient = 1.200 Materials coefficient = 1.200 Machinery coefficient = 1.200	m2	47.00		
74	CN53A	Coating the internal surfaces of the walls and ceilings	m2	159.00		
75	CI21A	Plating the walls with ceramic-granite plates: size up to 400 x 400 mm. Small materials (cloth, disc) = 1.010	m2	12.00		
76	CF51B k=2	Exterior coating executed manually, with dry mixture FASAD grey, for walls and dividing walls, manual preparation of the mortar Labor efforts coefficient = 2.000 Materials coefficient = 2.000 Machinery coefficient = 2.000	m2	100.00		
77	CN54B	Manual application of the quartz ground "Gleta" in one layer, for the exterior walls of the facade.	m2	147.00		
78	CF30A	Exterior coating of 2 mm thickness, executed manually, with "TINA-15" mixture on the walls RAL9010	m2	147.00		
		Total Facade Including salary				
		7. Different works				
		7.1. Node C. sketch 8				
79	IzF52A	Execution of the thermal and	m2	9.00		

1	2	3	4	5	6	7
		acoustic insulation from fibrous cellular monolithic concrete, density 300 kg/m ³ , thickness 100 mm (flooring) Small materials (planking, nails, collars, film, polyethylene) = 1.010				
80	IzF52A1 k=5	Corrections: when changing the thickness of thermal and acoustic insulation with 10 mm Labor efforts coefficient = 5.000 Materials coefficient = 5.000 Machinery coefficient = 5.000	m ²	9.00		
81	IzF18C	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M150 brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 3 cm	m ²	9.00		
82	IzF01B	Priming the surface for applying diffusion layer, a barrier against vapors, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with suspension of filtered bitumen modification (subif) in a layer of Mabital type	m ²	10.00		
83	CE13A2	Covers for the roofs with modified bitumen membranes Bipoli EKP+EPP bonded with flame in bilayer system, on horizontal surface mounted on continuous support Small material = 1.050	m ²	10.00		
84	CE23B2	Sills and awnings made of galvanized sheet of 0.5 mm thickness on a layer of roofing felt mounted on an equalization dig of cement mortar M 100 - T, secured on concrete elements, for lengths of more than 2 m, with width between 350 cm. Small materials (wires, nails, dowels, hard water) = 1.040	m	9.10		
85	SB26A	Drainage openings (receiver) with protection mesh, for discharging the water from the terrace and roofs Small materials (cement, sand, water, etc.) = 1.040	piece	2.00		
		Total Node C. sketch 8 Including salary				
		7.2. Passing channel for electrical cables (sketch 7)				

1	2	3	4	5	6	7
86	TsA02E	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainage ways, stairs, in very cohesive or medium cohesive ground, with a depth up to 1.5 m middle ground	m3	15.00		
87	RpCU06B	Executing the ditches up to 5 cm deep, in walls from simple concrete of 5 x 50 cm2	m	12.80		
88	RpCU02A	Lintels of metal beams, mounted in masonry, including cutting the sleepers according to certain sizes	kg	125.70		
89	CF06A	Interior levelled plastering on ceilings, executed on braided wire, 2.5 mm thick leveled, executed manually, including the assembling of the concrete steel fitting and of the braided wire, exclusively the anchor bolts on straight surfaces, with lime-cement brand M 100 -T for HRMS, lime-cement mortar brand M 50-T for primer and mortar of lime-cement M 10-T for the visible layer	m2	1.60		
90	TsC54C	Foundation layer of gravel fr. 20-40 mm	m3	0.85		
91	CB03B	Formwork of reusable panels, with plywood of 15mm for pouring concrete in elevations, straight walls up to 6 m high inclusively, supporters being included	m2	32.15		
92	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	24.60		
93	IzD10C	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer GF-021 based on lead minium and two layers of rubber enamel PF-115, of the metallic garments and constructions, executed on profiles with thicknesses up to 7 mm inclusively	t	0.15		
94	CA03G	Simple concrete, poured with classical means, in foundations, basements, support walls, under	m3	4.23		

1	2	3	4	5	6	7
		zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured with classical means, reinforced concrete class C12/15 (M200) Small materials (resinous cases, nails, clamps) = 1.015				
95	AcA52B	Polyethylene pipe PE80 SDR11, with diameter 75 mm.	m	40.80		
96	AcA52D	Polyethylene pipe PE80 SDR11, with diameter 160 mm.	m	17.00		
97	CL22A	Caps of 5 mm thick strips of corrugated steel reinforcement and round steel handles, mounted on pipe ducts, including their manufacturing, excluding the metallic frame for protecting the edge of the duct	m2	2.03		
98	CN20B	Internal or external painting applied for the metal carpentry with alkyd enamel in 2 layers , including the plaster	m2	4.06		
		Total Passing channel for electrical cables (sketch 7 Including salary				
		Total Different works Including salary				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-8-2 Heating, ventilation and air-conditioning (04/2015-24/2-IVC)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Mounting works				
1	08-03-602-2	Heating appliances: electrical convector	piece	6.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		2. Equipment				
2	Supplier price	Electrical convector TESY CN03 150 EIS + assembling set + digital thermostat	set	6.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Building the jointly operated border crossing point “Palanca” on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-8-3

Electrical power equipment. Indoor electrical lighting (04/2015-24/2-EEF/IED)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
1	RpCU06A1	Executing the ditches up to 5 cm deep, in brick masonry walls of 5 x 50 cm2, for mechanized execution	m	8.70		
2	RpCU07D	Making the grooves in walls up to 50 cm2 after installation or consolidations	m	8.70		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
3	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	1.00		
4	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A (BA47-29, BH32, AB/IT32, AB/IT34)	piece	15.00		
5	08-02-410-1	Polyethylene pipe on the floor stand, diameter up to 25 mm	100 m	2.30		
6	Supplier price	PE pipe for electrical fitting d20	m.l.	110.00		
7	Supplier	PE pipe for electrical fitting d25	m.l.	120.00		

1	2	3	4	5	6	7
	price					
8	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.35		
9	Supplier price	PE pipe for electrical fitting d32	m.l.	35.00		
10	08-02-148-1	Cable up to 35 kV in pipes, blocks, and cases, mass 1 m up to: 1 kg	100 m	2.65		
11	Supplier price	Cable BBГНГ-LS-0.66 3x1.5 mm2	m.l.	110.00		
12	Supplier price	Cable BBГНГ-LS-0.66 3x2.5 mm2	m.l.	120.00		
13	Supplier price	Cable BBГНГ-LS-0.66 5x2.5 mm2	m.l.	35.00		
14	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.08		
15	Supplier price	Luminescent light fitting LZ 2x18, IP65	piece	6.00		
16	Supplier price	Luminescent light fitting LZ 2x36, IP65	piece	2.00		
17	08-03-594-1	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 1	100 pieces	0.02		
18	Supplier price	Luminescent light fitting LZ 1x18, IP54	piece	2.00		
19	Supplier price	Luminescent lamp 18W	piece	14.00		
20	Supplier price	Luminescent lamp 36W	piece	4.00		
21	08-03-593-5	Light fitting for incandescent lamps on the ceiling or walls, being fixed with bolts or for premises with difficult environmental conditions	100 pieces	0.02		
22	Supplier price	Light fitting with incandescent lamps 60W, HIIII 2604A, IP54	piece	2.00		
23	Supplier price	Incandescent lamp 60W	piece	2.00		
24	08-03-575-1	Device or appliance dismantled before transportation (supply block K-303)	piece	2.00		
25	08-03-603-1	Box with descending transformers	piece	1.00		
26	08-03-591-3	Semi-sealed and sealed switch	100 pieces	0.09		
27	Supplier price	One-flap switcher, open installation with appropriate earthing, IP54, 16A, 220V	piece	9.00		
28	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.08		
29	Supplier price	Plug, open installation, with appropriate earthing, IP54, 16A,	piece	8.00		

1	2	3	4	5	6	7
		220V, PC6 20-3-ΦCp				
		Total	USD			
		Social and health insurance	%			
		Transportation costs	%			
		Supply - storage costs	%			
		Total	100.00 +			
		Overhead costs	%			
		Total	100.00 +			
		Estimate benefit	%			
		Total Mounting works Including salary				
		3. Equipment				
30	Supplier price	Case mounted on the wall ЩРН-363-1-36-YXJI3, IP31	piece	1.00		
31	Supplier price	Power switch BH-32, 3P, 25A	piece	1.00		
32	Supplier price	Power switch BH-32, 3P, 16A	piece	1.00		
33	Supplier price	Automaton BA47-29M, 1P, 06A, °C°	piece	1.00		
34	Supplier price	Automaton BA47-29M, 1P, 06A, °B°	piece	3.00		
35	Supplier price	Automaton АВДТ32, C10, 30мА	piece	8.00		
36	Supplier price	Automaton АВДТ34, C10, 30мА	piece	1.00		
37	Supplier price	Supply block ES1 Conversion Kit TM K-303	piece	2.00		
38	Supplier price	Transformation Box ЯТП-250-220/12	piece	1.00		
		Total	USD			
		Supply - storage costs	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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Building the jointly operated border crossing point "Palanca" on the territory of the Republic of Moldova

(name of the site)

LOCAL ESTIMATE No 3-8-4 Pumping station (04/2015-24/2-RAC1)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Aqueduct				
1	IC44E	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 324 x 8 mm L=0.4m	piece	1.00		
2	SA03H	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 3" (see fittings 04/2015-24/2-RAC1.SU) Small material (hemp tows, minium primer) = 1.015	m	5.00		
3	SA03G	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 2 1/2" (see fittings 04/2015-24/2-RAC1.SU) Small material (hemp tows, minium primer) = 1.015	m	8.00		
4	SA03F	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 2" (fittings 04/2015-24/2-RAC1.SU) Small material (hemp tows, minium primer) = 1.020	m	3.00		
5	SB30A	Supporters to support the tubes and the joining elements for	kg	3.00		

1	2	3	4	5	6	7
		sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc.)=1,050				
6	GD08B	Bellied cap of welded steel board, for pipes, having Dn 80 mm	piece	1.00		
7	AcA53B	Combining through electro-fusion welding the pipe and the fitting (steel reduction x PE 3"x90) from polyethylene, the pipes having the diameter 90 mm.	piece	2.00		
8	AcA53B	Combining through electro-fusion welding the pipe and the fitting (steel reduction x PE 2 1/2"x75) from polyethylene, the pipes having the diameter 75 mm.	piece	1.00		
9	AcA53B	Combining through electro-fusion welding the pipe and the fitting (adapter for flange with free flange from steel D=80mm) from polyethylene, the pipes having the diameter 75 mm	piece	1.00		
10	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 32 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	2.00		
11	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 40 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	2.00		
12	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 50 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
13	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 65 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
14	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 80 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	7.00		
15	SD08A	Gate valve, with flat or oval body, of cast iron, with flanges, having the nominal diameter of 50 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.050	piece	2.00		

1	2	3	4	5	6	7
16	SD08A	Gate valve, with flat or oval body, of cast iron, with flanges, having the nominal diameter of 65 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.050	piece	2.00		
17	SD09D	Tap with valve, with the interior rod threat from cast iron, with straight or corner collars, having the nominal diameter of 80 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.035	piece	2.00		
18	SD13C	Non-return valve with bow for connection with flanges, with the diameter 80 mm Small materials (screw bolts, collars, bolt nuts, etc.) = 1.010	piece	2.00		
19	IA18B	Refined fittings for the central heating boilers: hydrometer or manometer with control tap	piece	1.00		
20	SF01A	Performing the sealing pressure test for the installation of hot or cold water, executed on zincate steel pipes, for installations welded longitudinally, having the diameter of 3/8"-2"	m	3.00		
21	SF01B	Performing the sealing pressure test for the installation of hot or cold water, executed on zincate steel pipes, for installations welded longitudinally, having the diameter of 2 1/2"-4"	m	13.00		
22	SF02A	Operational test for cold water installation performed with galvanized steel pipes for installations welded longitudinally, with the diameter 3/8"-2"	m	3.00		
23	SF02B	Operational test for cold water installation performed with galvanized steel pipes for installations welded longitudinally, with the diameter 2 1/2"-4"	m	13.00		
24	SF05A	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 3/8"-2"	m	3.00		
25	SF05B	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 2 1/2"-4"	m	13.00		
26	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021	m2	3.32		

1	2	3	4	5	6	7
		on pipes with the exterior diameter over 34 mm inclusively				
		Total Aqueduct Including salary				
		1.2. Sewerage				
27	TsC03B1 k=1.2	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. Machinery coefficient = 1.200	100 m ³	0.10		
28	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m ³	0.65		
29	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand	m ³	2.35		
30	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m ³	8.30		
31	IC44C	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 159x3.0 mm L=0.4	piece	1.00		
32	SB08E	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 110 mm	m	13.00		
33	SB07E	Installing a PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 110 mm	piece	1.00		
34	SB09E	Plastic T-bend for sewerage, combined with rubber, with the diameter of 110 mm, 45"	piece	2.00		
35	SB10E	Installing the linking piece from plastic (simple ramification D110) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	1.00		
36	SB28B	Polypropylene floor syphon, with galvanized steel grid, having the exit diameter of 110 mm.	piece	1.00		

1	2	3	4	5	6	7
		Small materials (cement, sand, water, etc.) = 1.010				
37	SF04A	Performing the leak test and operation of sewerage pipes made of cast iron pipes for drain, polyvinyl chloride and non-plasticized tubes of light type or plastic, the iron pipe having a diameter up to 100 mm inclusively	m	1.30		
		Total Sewerage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				
		2. Mounting works				
38	IA38B	Circulation (re-circulation) pump mounted on the existing pipe, through flanges, with the diameter over 2"	piece	2.00		
39	08-03-573-4	Suspended command box (switchboard), height, width, and depth, mm, up to 600x600x350	piece	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
40	Supplier price	Water pump G=9 m3/h, H=33.0m, cu motor N=2.70kW, DAB JET 300M	set	2.00		
41	Supplier price	Command switchboard of type E BOX BASIC 230	piece	1.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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**Building the jointly operated
border crossing point "Palanca"
on the territory of the Republic
of Moldova**

(name of the site)

LOCAL ESTIMATE No 3-8-5
Raw water treatment station (04/2015-24/2-RAC2)

Compiled in current prices

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Per U.M. incl. salary without VAT	Total incl. salary without VAT
1	2	3	4	5	6	7
		1. Construction works				
		1.1. Sewerage				
1	TsA16B1	Manual excavation of land in confined spaces, in layers up to 4 m deep, for high voltage cables, in ground with natural moisture without support, width <1 m, depth < 1.5 m, middle ground	m3	1.40		
2	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand	m3	0.60		
3	TsD18B	Compacted filling of the ditches, for the buried cables of high voltage electricity lines, made with ground came from middle fields	m3	0.80		
4	SB08E	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 110 mm	m	3.00		
5	SB07E	Installing a PVC plug of light type (U), for sewerage PVC pipes of light type (U), with the diameter of 110 mm	piece	1.00		
6	SB10E	Installing the linking piece from plastic (simple ramification D110) for sewerage, combined with rubber case, having a diameter of 110 mm	piece	1.00		
7	SB28B	Polypropylene floor syphon, with	piece	1.00		

1	2	3	4	5	6	7
		galvanized steel grid, having the exit diameter of 110 mm. Small materials (cement, sand, water, etc.) = 1.010				
8	SF04A	Performing the leak test and operation of sewerage pipes made of cast iron pipes for drain, polyvinyl chloride and non-plasticized tubes of light type or plastic, the iron pipe having a diameter up to 100 mm inclusively	m	0.30		
		Total Sewerage Including salary				
		1.2. Aqueduct				
9	IC44E	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 324 x 8 mm L=0.4m	piece	2.00		
10	SA03F	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 2" (fittings 04/2015-24/2-RAC.2.SU) Small material (hemp tows, minium primer) = 1.020	m	5.00		
11	SA03E	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 1 1/2" (see fittings 04/2015-24/2-RAC.2.SU) Small material (hemp tows, minium primer) = 1.020	m	10.00		
12	SA03C	Galvanized steel tubes for installations, installed in columns in the residential buildings and social-cultural buildings, with the diameter 1" (see fittings 04/2015-24/2-RAC.2.SU) Small material (hemp tows, minium primer) = 1.025	m	8.00		
13	SB30A	Supporters to support the tubes and the joining elements for sewerage, with the weight up to 2 kg Small materials (welding electrodes, cement, sand etc.)=1,050	kg	3.00		
14	IA18B	Refined fittings for the central heating boilers: hydrometer or manometer with control tap	piece	2.00		
15	AcA53B	Combining through electro-fusion welding the pipe and the fitting	piece	2.00		

1	2	3	4	5	6	7
		(adapter for flange with free flange from steel D=80mm) from polyethylene, the pipes having the diameter 75 mm				
16	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 50 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.050	piece	4.00		
17	SD08A	Gate valve, with flat or oval body, of cast iron, with flanges, having the nominal diameter of 50 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.050	piece	2.00		
18	SD09C	Tap with valve, with the interior rod threat from cast iron, with straight or corner collars, having the nominal diameter of 50 mm Small materials (screw bolts, collars, bolt nuts, cement, etc.) = 1.040	piece	2.00		
19	SF01A	Performing the sealing pressure test for the installation of hot or cold water, executed on zincate steel pipes, for installations welded longitudinally, having the diameter of 3/8"-2"	m	18.00		
20	SF02A	Operational test for cold water installation performed with galvanized steel pipes for installations welded longitudinally, with the diameter 3/8"-2"	m	1.80		
21	SF05A	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 3/8"-2"	m	18.00		
22	CN23B	Paintings of superior quality of the functional installations, executed with enamel paint PF-115 on a layer of primer GF-021 on pipes with the exterior diameter over 34 mm inclusively	m2	2.30		
		Total Aqueduct Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Construction works Including salary				

1	2	3	4	5	6	7
		2. Mounting works				
23	SE56A	Filter for drinking water, with threaded sleeves to be installed on the pipe, with the diameter 1" - 2" (BB20-MATRIX) Small materials (hemp tows, lead minium primer, etc.) = 1.010	piece	1.00		
24	SE49E	Tank for water supply, from steel board assembled on the foundation, with the capacity 1600 - 2000 l (LINDOSOFTER)+ Small materials (hemp tows, lead minium primer, etc.) = 1.008	piece	1.00		
25	SE46A	Autoclave, with a capacity of 12 l operating based on natural gas, with weighing 25 kg, placed on the table (Reverse Osmosis)	piece	1.00		
26	11-03-011-03	Devices for testing the physical-chemical content of substances: device, complexity category: III (BITRON ECO-ET 380)	set	2.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>	%			
		<i>Transportation costs</i>	%			
		<i>Supply - storage costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Overhead costs</i>	%			
		<i>Total</i>	100.00 +			
		<i>Estimate benefit</i>	%			
		Total Mounting works Including salary				
		3. Equipment				
27	Supplier price	Mechanic cleaning filter BB20-MATRIX	piece	1.00		
28	Supplier price	Complex treatment installation LINDOSOFTER FKL 12/1/5-3/52	piece	1.00		
29	Supplier price	Reverse osmosis unit 24L	piece	1.00		
30	Supplier price	Ultraviolet disinfection unit "BIRON ECO ET 380"	piece	2.00		
		<i>Total</i>	USD			
		<i>Supply - storage costs</i>	%			
		Total Equipment Including salary				
		Total estimates: Including salary				

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