

**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

Form No. 1
WinCmeta

**LOCAL ESTIMATES NR. 2-1
Treatment/Filtering Station. Technology**

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	
					Price per unit of measure, USD (including the salary)	Total (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Value of the equipment				
1	According to the bid	Filtering system containing: 1. Pressurized sand filters for water treatment $Q_{tot} = 140 \text{ m}^3 / \text{h}$ - 2 pcs.; 2. Pumps for pumping treated water $Q_{tot} = 140 \text{ m}^3 / \text{h}$ - 3 pcs .; 3. Water disinfection system; 4. Heat exchangers - 2 pcs .; 5. Switch and control panel; 6. Pool water supply pipes; 7. Pool water discharge pipes; 8. Vacuum duct for the aspiration of waste when cleaning the pool; 9. Connecting pipes between filters, pumps, etc.; 10. Shaped pieces (taps, flanges, etc.)	set	1.00		
2	According to the bid	The pool tub with the final size $L=25,0 \text{ m}$, $l=14,6 \text{ m}$, $h=1,3 - 1,7 \text{ m}$, containing: 1. Stainless steel water discharge channels; 2. Stainless steel plates coated with PVC film for vertical walls; 3. Stainless steel plates coated with PVC membrane for pool floor; 4. Nozzles for water distribution; 5. Other elements for fixing stainless steel plates to walls; 6. Thermometer with display.	set	1.00		

1	2	3	4	5	6	7
		<i>Total</i>	USD			
		<i>Storage costs</i>				
		Total Value of the equipment Including salary				
		2. Mounting the equipment				
3	According to the bid	Filtering system containing: 1. Pressurized sand filters for water treatment $Q_{tot} = 140 \text{ m}^3 / \text{h}$ - 2 pcs.; 2. Pumps for pumping treated water $Q_{tot} = 140 \text{ m}^3 / \text{h}$ - 3 pcs .; 3. Water disinfection system; 4. Heat exchangers - 2 pcs .; 5. Switch and control panel; 6. Pool water supply pipes; 7. Pool water discharge pipes; 8. Vacuum duct for the aspiration of waste when cleaning the pool; 9. Connecting pipes between filters, pumps, etc.; 10. Shaped pieces (taps, flanges, etc.)	set	1.00		
4	According to the bid	The pool tub with the final size $L=25,0 \text{ m}$, $l=14,6 \text{ m}$, $h=1,3 - 1,7 \text{ m}$, containing: 1. Stainless steel water discharge channels; 2. Stainless steel plates coated with PVC film for vertical walls; 3. Stainless steel plates coated with PVC membrane for pool floor; 4. Nozzles for water distribution; 5. Other elements for fixing stainless steel plates to walls; 6. Thermometer with display.	set	1.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>				
		<i>Direct cost</i>				
		<i>Overhead costs</i>				
		<i>Total</i>				
		<i>Estimate benefit</i>				
		Total Mounting the equipment Including salary				
		3. Construction works				

1	2	3	4	5	6	7
		3.1. Pipes and accessories for the pool 3.1.1. Earthworks				
5	TsC03B1	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.	100 m ³	0.50		
6	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	2.50		
7	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. (Sand bed)	m ³	3.00		
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 (Manual plugging, H=0.3 m)	m ³	9.00		
9	TsD04B	Compacting with manual knocker of the embankments in horizontal or inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground (Manual compacting)	m ³	9.00		
10	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm	100 m ³	0.44		
11	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm	100 m ³	0.44		

1	2	3	4	5	6	7
		thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil				
		<i>Total</i>	USD			
		Total Earthworks works Including salary				
		3.1.2. Pool accessories, pipelines				
12	AcA04A	Mounting in the ground the steel pipes, assembled via electrical welding, with the diameter of 50-100 mm. (Steel pipe for hot water, D=100 mm)	m	40.00		
13	AcA52B	Polyethylene pipe for water supply, mounted in ditch, with diameter 75 mm. (Pipe from PE100, PN8, SDR21, D = 75 mm)	m	20.00		
14	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Metallic flange, D=100 mm)	piece	8.00		
15	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Weldable steel joint, D= 100 mm)	piece	20.00		
16	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Weldable steel T-bend, D= 100 mm)	piece	6.00		
17	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter o 50-110 mm. (Compressing joint made of PE, D=75 mm)	piece	4.00		
18	RCsB30G	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter	piece	8.00		

1	2	3	4	5	6	7
		with diamond drill core, diameter: 80 mm				
19	RCsB30N	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 150 mm	piece	2.00		
20	RCsB30S	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 200 mm	piece	3.00		
21	RCsB28F	Demolishing the old concrete with mechanic means, simple concrete (Breaking the concrete bottom board)	m3	10.00		
		<i>Total</i>	USD			
		Total Pool accessories, pipelines Including salary				
		<i>Total</i>	USD			
		Total Pipes and pool accessories Including salary				
		3.2. External networks for water supply				
		3.2.1. Earthworks				
22	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	2.00		
23	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	10.00		
24	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering	m3	16.00		

1	2	3	4	5	6	7
		layer for the drainage tubes, made with sand. (Sand bed)				
25	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 (Manual plugging, H=0.3 m)	m3	48.00		
26	TsD04B	Compacting with manual knocker of the embankments in horizontal or inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground (Manual compacting)	m3	48.00		
27	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm	100 m3	1.62		
28	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	1.62		
		<i>Total</i>	USD			
		Total Earthworks works Including salary				
		3.2.2. Pipes and accessories				
29	AcA52D	Polyethylene pipe for water supply, mounted in ditch, with diameter 110 mm. (Protective tube, PE corrugated, D = 160 mm)	m	0.60		
30	AcA52B	Polyethylene pipe for water supply, mounted in ditch, with diameter 75 mm. (Pipe from PE100, PN8, SDR21, D = 75 mm)	m	55.00		
31	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 20, 25, 32, 40, 50, 63 mm. (Pipe PE100, PN8, SDR21, D=63 mm)	m	75.00		

1	2	3	4	5	6	7
32	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 20, 25, 32, 40, 50, 63 mm. (Pipe PE100, PN8, SDR21, D=32 mm)	m	12.00		
33	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 20, 25, 32, 40, 50, 63 mm. (Pipe PE100, PN8, SDR21, D=25 mm)	m	40.00		
34	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 20, 25, 32, 40, 50, 63 mm. (Pipe PE100, PN8, SDR21, D=20 mm)	m	35.00		
35	Market price	Warning tape	m	217.00		
36	RCsB30S	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 200 mm	piece	1.00		
37	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, with the diameter 50-100 mm (cast iron valve with rubber cleat, D = 65 mm)	piece	5.00		
38	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, with the diameter 50-100 mm (cast iron valve with rubber cleat, D = 50 mm)	piece	2.00		
39	SD01B	Service tap, simple or double with adapter, regardless of the closing modality, having the diameter 3/4" - 1". (Tap of type FI-FE, D=2")	piece	3.00		
40	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene,	piece	5.00		

1	2	3	4	5	6	7
		the pipes having the diameter o 50-110 mm. (Flange adapter made of PE, D=75 mm - 65 mm)				
41	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter o 50-110 mm. (Flange adapter made of PE, D= 63 mm - 50 mm)	piece	20.00		
42	AcA26A	Combining the flanges of the linking pieces, flanges, including the blind flanges and fittings, with the diameter 50-100 mm (cast iron T-bend with flanges, D=65 mm)	piece	2.00		
43	AcA26A	Combining the flanges of the linking pieces, flanges, including the blind flanges and fittings, with the diameter 50-100 mm (cast iron adapter with flanges, D=65 mm - 50 mm)	piece	1.00		
44	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Reduced T-bend made of iron welded on the spot, D=2" flange x 1" FE)	piece	1.00		
45	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Electro-weldable iron flange, D=2")	piece	3.00		
46	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Adapter made of iron welded on the spot, D=2" flange x 1" FE)	piece	1.00		
47	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter o	piece	2.00		

1	2	3	4	5	6	7
		50-110 mm. (PE compressive sleeve, D= 32 mm x 1")				
48	AcA25A	Assembling through electrical welding of the linking pieces from steel, in a certain position, with the diameter of 50-100 mm (Equal T-bend made of iron welded on the spot, D=1" FE)	piece	2.00		
49	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (Compressing joint made of PE, D=75 mm)	piece	1.00		
50	AcA54A	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 20-40 mm. (Compressing joint made of PE, D=25 mm)	piece	1.00		
51	AcA54A	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 20-40 mm. (Compressing joint made of PE, D=20 mm)	piece	3.00		
52	AcA54A	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 20-40 mm. (Compressing reduced T-bend made of PE, D=32 x 25 mm)	piece	1.00		
53	AcA54A	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 20-40 mm. (Compressing reduced	piece	1.00		

1	2	3	4	5	6	7
		T-bend made of PE, D=32 x 20 mm)				
54	AcA54A	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 20-40 mm. (Compressing reduced T-bend made of PE, D=25 x 20 mm)	piece	3.00		
55	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (PE reduced compressive sleeve, D= 32 mm x 25 mm)	piece	2.00		
56	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (PE reduced compressive sleeve, D= 25 mm x 20 mm)	piece	3.00		
57	SC18A	Summer shower (outdoor)	piece	3.00		
58	SC18A	Outdoor shower for washing the feet	piece	4.00		
		<i>Total</i>	USD			
		<i>Social and health insurance</i>				
		<i>Transportation costs</i>				
		<i>Storage costs</i>				
		<i>Direct cost</i>				
		<i>Overhead costs</i>				
		<i>Total</i>				
		<i>Estimate benefit</i>				
		Total Pipes and accessories Including salary				
		<i>Total</i>	USD			
		Total External networks for water supply Including salary				

1	2	3	4	5	6	7
		3.3. External networks for sewerage supply 3.3.1. Earthworks				
59	TsC03B1	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.	100 m ³	1.80		
60	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	9.00		
61	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. (Sand bed)	m ³	12.00		
62	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 (Manual plugging, H=0.3 m)	m ³	36.00		
63	TsD04B	Compacting with manual knocker of the embankments in horizontal or inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground (Manual compacting)	m ³	36.00		
64	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm	100 m ³	1.53		
65	TsD05B	Compaction with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm	100 m ³	1.53		

1	2	3	4	5	6	7
		thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil				
		<i>Total</i>	USD			
		Total Earthworks works Including salary				
		3.3.2. Pipes and accessories				
66	AcA08B	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 200-225 mm (PP , SN 4, SDR 41 pipe, D=200 mm)	m	12.00		
67	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (PP, SN 4, SDR 41 pipe, D=160 mm)	m	66.00		
68	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (PP, SN 4, SDR 41 pipe, D=110 mm)	m	90.00		
69	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (Protective tube, corrugated HDPE, D=250 mm)	m	40.00		
70	Market price	Warning tape	m	168.00		
71	SB24E	Paving siphon from enameled cast iron, simple, having the diameter 110 mm	piece	5.00		
72	SB11C	The connecting piece (double branching) from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (External PP joint, D = 110 mm)	piece	3.00		
73	SB11C	The connecting piece (double branching) from plastic for	piece	2.00		

1	2	3	4	5	6	7
		sewerage, combined with rubber case, having a diameter of 110 mm (External PP T-bend, D = 110 mm)				
		<i>Total</i>	USD			
		Total Pipes and accessories Including salary				
		<i>Total</i>	USD			
		Total External networks for sewerage supply Including salary				
		3.4. Internal networks for cold and hot water supply				
74	SC18A	Shower with sprinkler, hose, tap, D=1/2"	piece	6.00		
75	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 or something equivalent	piece	1.00		
76	SC09B	Sanitary porcelain urinary mounted in the concrete wall	piece	2.00		
77	SC04C	Sink from sanitary semi-porcelain or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a stand	piece	1.00		
78	IC36A	Insulated multilayer pipe, D = 16 mm	m	30.00		
79	IC36A	Insulated multilayer pipe, D = 20 mm	m	3.00		
80	IC36B	Insulated multilayer pipe, D = 25 mm	m	5.00		
81	IC36C	Insulated multilayer pipe, D = 32 mm	m	38.00		
82	IC36D	Insulated multilayer pipe, D = 40 mm	m	10.00		

1	2	3	4	5	6	7
83	IC37D	Fittings with two joints, joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer adapter - internal thread, D=40 mm x 1 1/2")	piece	1.00		
84	IC37D	Fittings with two joints, joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer adapter - internal thread, D=32 mm x 1 1/4")	piece	2.00		
85	IC37D	Fittings with two joints, joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer adapter - internal thread, D=16 mm x 1/2")	piece	2.00		
86	IC37D	Fittings with two joints, joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer adapter - external thread, D=40 mm x 1 1/2")	piece	1.00		
87	SD01B	Service tap, simple or double with adapter, regardless of the closing modality, having the diameter 3/4" - 1". (Tap of type FI-FE, D= 1 1/2")	piece	2.00		
88	SD01B	Service tap, simple or double with adapter, regardless of the closing modality, having the diameter 3/4" - 1". (Tap of type FI-FE, D= 1 1/4")	piece	4.00		
89	SD01B	Service tap, simple or double with adapter, regardless of the closing modality, having the diameter 3/4" - 1". (Tap of type FI-FE, D=1/2")	piece	2.00		
90	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene,	piece	1.00		

1	2	3	4	5	6	7
		the pipes having the diameter o 50-110 mm. (FE-FI compressive T-bend, D= 75 x 1 1/2")				
91	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer cross, D=40 mm)	piece	1.00		
92	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer cross, D=32 mm)	piece	1.00		
93	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer equal T-bend, D=32 x 32 x 32 mm)	piece	2.00		
94	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduced T-bend, D=32 x 16 x 32 mm)	piece	6.00		
95	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduced T-bend, D=25 x 16 x 25 mm)	piece	4.00		
96	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduced T-bend, D=20 x 16 x 20 mm)	piece	2.00		
97	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer equal T-bend, D=16 x 16 x 16 mm)	piece	1.00		

1	2	3	4	5	6	7
98	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer joint, D=40 mm)	piece	2.00		
99	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer joint, D=32 mm)	piece	8.00		
100	IC37B	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 20.0 mm (Multilayer joint, D=16 mm)	piece	16.00		
101	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduction, D=40 x 32 mm)	piece	1.00		
102	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduction, D=40 x 16 mm)	piece	1.00		
103	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduction, D=32 x 25 mm)	piece	4.00		
104	IC37D	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 32.0 mm (Multilayer reduction, D=32 x 16 mm)	piece	1.00		
105	IC37C	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of	piece	4.00		

1	2	3	4	5	6	7
		25.0 mm (Multilayer reduction, D=25 x 20 mm)				
106	IC37B	Fittings with two joints joined by pressed screwing with the reinforced polyethylene pipe, having the exterior diameter of 20.0 mm (Multilayer reduction, D=20 x 16 mm)	piece	2.00		
107	SA38F	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, mounted through flushing, ducts having the diameter of 2" (Fixing clip, D=40 mm)	piece	10.00		
108	SA38F	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, mounted through flushing, ducts having the diameter of 2" (Fixing clip, D=32 mm)	piece	20.00		
109	RCsB30D	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 50 mm	piece	14.00		
110	Market price	Iron pipe threaded at one end, D=1 1/4"	piece	1.00		
		<i>Total</i>	USD			
		Total Internal networks for cold and hot water supply Including salary				
		3.5. Internal sewerage networks				
111	SB08E	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 110 mm (PP, SN 4, SDR41 pipe, D=110 mm)	m	42.00		
112	SB08C	Plastic sewer pipe, combined with rubber case, surface-mounted or buried under the floor, having a diameter of 50 mm. (PP, SN 4, SDR41 pipe, D=50 mm)	m	12.00		
113	RCsB30G	Drilling holes in concrete constructions of the brand up to	piece	5.00		

1	2	3	4	5	6	7
		500, using the machine with cutter with diamond drill core, diameter: 80 mm				
114	RCsB30N	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 150 mm	piece	7.00		
115	SA34I	Manufacturing, mounting, and cementing the protection tube when the pipes go through the walls, having the diameter 6". (Iron protection tube, D=250 mm, L=1.0 m)	piece	1.00		
116	SA38F	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, mounted through flushing, ducts having the diameter of 2" (Fixing clip, D=50 mm)	piece	2.00		
117	SA38F	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, mounted through flushing, ducts having the diameter of 2" (Fixing clip, D=110 mm)	piece	24.00		
118	SB24E	Paving siphon from enameled cast iron, simple, having the diameter 110 mm	piece	2.00		
119	SB24A	Paving siphon from enameled cast iron, simple, having the diameter 50 mm	piece	1.00		
120	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP joint, D=100 mm)	piece	4.00		
121	SB09C	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 50 mm. (PP joint, D=50 mm)	piece	4.00		
122	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP plug, D=110 mm)	piece	4.00		

1	2	3	4	5	6	7
123	SB27A	Ventilation cup, mounted on the ventilation columns, with a diameter of 50-150 mm. (Ventilation column end piece, D = 110 mm)	piece	1.00		
124	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP collar, D=110 mm)	piece	10.00		
125	SB09C	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 50 mm. (PP collar, D=50 mm)	piece	8.00		
126	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP equal T-bend, D=110 mm)	piece	8.00		
127	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP reduced T-bend, D=110 x 50 mm)	piece	3.00		
128	SB09C	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 50 mm (PP equal T-bend, D=50 mm)	piece	1.00		
		<i>Total</i>	USD			
		Total Internal sewerage networks Including salary				
		3.6. Preparing for the II stage				
129	SA34I	Manufacturing, mounting, and cementing the protection tube when the pipes go through the walls, having the diameter 6". (Iron protection tube, D=250 mm, L=1.0 m)	piece	2.00		
130	SA34I	Manufacturing, mounting, and cementing the protection tube when the pipes go through the walls, having the diameter 6". (Iron protection tube, D=100 mm, L=1.0 m)	piece	1.00		

1	2	3	4	5	6	7
131	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (PP, SN 4, SDR 41 pipe, D=160 mm)	m	18.00		
132	SB09E	The connecting piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm (PP joint, D=160 mm)	piece	1.00		
133	RCsB30N	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 150 mm	piece	1.00		
134	RCsB30S	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 300 mm	piece	2.00		
		<i>Total</i>	USD			
		Total Preparing for the II stage Including salary				
		<i>Total</i>	USD			
		<i>Social and health insurance</i>				
		<i>Transportation costs</i>				
		<i>Storage costs</i>				
		<i>Direct cost</i>				
		<i>Overhead costs</i>				
		<i>Total</i>				
		<i>Estimate benefit</i>				
		Total Construction works Including salary				

		Total	USD			
		Total estimates: Including salary				

Compiled

_____ (position, signature, name, surname)

Verified

_____ (position, signature, name, surname)

**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

Form No. 1
WinCmeta

**LOCAL ESTIMATES NR. 2-2
Treatment/Filtering Station Resistance**

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	
					Price per unit of measure, USD (including the salary)	Total (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Dismantling and demolishing				
1	RpCI42C	Demolishing the roof elements - covering tiles, roofing tiles or pressed board sheets, PAS, PVC, etc. (Removing the existent cover of the dome)	m2	8.00		
2	CL14B	Dismantling the metallic constructions without recovering the reusable subsets. (Removing the metallic carcass of the dome)	t	0.50		
3	CL14B	Dismantling the metallic constructions without recovering the reusable subsets. (Removing the reservoir and the metallic equipment from the basement)	t	10.00		
4	RpCB18F	Demolishing the old concrete with mechanic means, simple concrete (concrete foundations (basement))	m3	15.90		
5	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling (Removing the coating of the plinth)	m2	32.00		
6	RpCB18F	Demolishing the old concrete with mechanic means, simple concrete (Removing the concrete flooring)	m3	66.00		
7	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling (Internal coating from the walls)	m2	170.00		

1	2	3	4	5	6	7
8	RpCB18F	Demolishing the old concrete with mechanic means, simple concrete (Internal concrete constructions)	m3	4.50		
9	RpCM33A	Dismantling the plates of floor tiles, ceramics, and pottery (internal flooring)	m2	86.80		
10	RpCK42A	Dismantling the cold flooring from concrete and cement mortar (internal flooring)	m2	86.80		
11	RpCG29D	Dismantling the masonry walls by breaking them so as to create empty spaces in the masonry	m3	22.60		
12	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. (Putting together and loading the stripped asphalt)	100 m3	0.69		
13	TsI50B1	Transportation of soil with the dumper at a distance of 11 km	t	131.00		
14	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	0.69		
		<i>Total</i>	USD			
		Total Dismantling and demolishing Including salary				
		2. Embankment works				
15	TsC03A1	Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading the field cat. I in the storage	100 m3	0.80		
16	TsC18B1	Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 2	100 m3	0.80		
17	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar	100 m3	0.80		

1	2	3	4	5	6	7
		tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm				
18	TsD05A	Compacting 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 non-cohesive ground	100 m3	0.80		
		<i>Total</i>	USD			
		Total Embankment works Including salary				
		3. Monolithic plate Pm 1				
19	CG32B1	Fillings in layers compacted with the help of manual means, made with gravel	m3	3.32		
20	CA03A2	Concrete poured in foundations, basement, support walls, walls under zero level, prepared with the concrete plant on the site and pouring with classical means of simple concrete Class C 3.5	m3	3.32		
21	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=6mm, A-I)	kg	11.34		
22	CC01C1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=6mm, A-III)	kg	280.83		
23	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	6.63		

1	2	3	4	5	6	7
		<i>Total</i>	USD			
		Total Monolithic plate Pm 1 Including salary				
		4. Foundation under equipment Fu-1				
24	CB02A	Reusable formwork panels with short and very short wood boarding planks to pour the concrete in bearings, foundations and foundations glass and foundation equipment including support	m2	8.40		
25	CG32B1	Fillings in layers compacted with the help of manual means, made with gravel	m3	1.60		
26	CC01D	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars with over 8 mm diameter inclusively in isolated foundations (Concrete steel, D= 10 mm, A-I)	kg	8.76		
27	CC01D1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in isolated foundations (Concrete steel, D = 10 mm, A-III)	kg	105.36		
28	CA03A2	Concrete poured in foundations, basement, support walls, walls under zero level, prepared with the concrete plant on the site and pouring with classical means of simple concrete Class C 3.5	m3	0.80		
29	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	3.20		
		<i>Total</i>	USD			

1	2	3	4	5	6	7
		Total Foundation under equipment Fu-1 Including salary				
		5. Foundation under equipment Fu-2				
30	CB02A	Reusable formwork panels with short and very short wood boarding planks to pour the concrete in bearings, foundations and foundations glass and foundation equipment including support	m2	3.60		
31	CG32B1	Fillings in layers compacted with the help of manual means, made with gravel	m3	1.00		
32	CC01D	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars with over 8 mm diameter inclusively in isolated foundations (Concrete steel, D= 10 mm, A-I)	kg	4.38		
33	CC01D1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in isolated foundations (Concrete steel, D = 10 mm, A-III)	kg	84.32		
34	CA03A2	Concrete poured in foundations, basement, support walls, walls under zero level, prepared with the concrete plant on the site and pouring with classical means of simple concrete Class C 3.5	m3	0.50		
35	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	2.00		
		<i>Total</i>				
			USD			
		Total Foundation under equipment Fu-2				

1	2	3	4	5	6	7
		Including salary				
		6. Monolith pool				
		6.1. Monolith foundation Fm1				
36	TsD05A	Compacting 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 non-cohesive ground	100 m3	0.05		
37	CB02A	Reusable formwork panels with short and very short wood boarding planks to pour the concrete in bearings, foundations and foundations glass and foundation equipment including support	m2	8.50		
38	CA03A2	Concrete poured in foundations, basement, support walls, walls under zero level, prepared with the concrete plant on the site and pouring with classical means of simple concrete Class C 3.5	m3	1.64		
39	IzF18B	Support layer for equalization executed with ready-made mortar cement of M100 brand, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 2 cm. (Cement mortar applied on the surface of the concrete foundation)	m2	16.44		
40	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapor, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	16.44		
41	IzF18B	Support layer for equalization executed with ready-made mortar cement of M100 brand, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 2 cm. (Cement mortar applied on the	m2	16.44		

1	2	3	4	5	6	7
		surface of the waterproof layer based on bituminous putty)				
42	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D= 6mm, A-I)	kg	3.00		
43	CC01D	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars with over 8 mm diameter inclusively in isolated foundations (Concrete steel, D= 8 mm, A-I)	kg	8.40		
44	CC03A	Assembling sealed meshes at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m ²	kg	493.48		
45	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m ³	4.93		
46	CG01A	Supporting layer for flooring executed from cement mortar M 100-T of 3 cm thickness with delicately smoothed face	m ²	16.44		
47	IzF31A	Waterproofing the concrete surfaces (vertical ones, horizontal ones, including the ceilings) with "Penetron" mixture or something equivalent - 2 layers: flat surface. (Applied over the monolith foundation)	m ²	16.44		
		<i>Total</i>	USD			
		Total Monolith foundation Fm1 Including salary				
		6.2. Monolith walls Pm 1				

1	2	3	4	5	6	7
48	CC02I	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter inclusively, and mounted on walls and diaphragms, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork. (Smooth carcass Cr1, concrete steel, D=8 mm, A-I)	kg	97.34		
49	CC03A	Assembling sealed meshes at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m ²	kg	725.64		
50	CC02I2	Reinforced concrete steel fittings PC 52 shaped in construction shops, with bars up to 8 mm diameter and mounted on walls and diaphragms, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork (Concrete steel, D=10 mm, A-III)	kg	69.44		
51	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	m ²	92.30		
52	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m ³	13.80		
53	IzF31A	Waterproofing the concrete surfaces (vertical ones, horizontal ones, including the ceilings) with "Penetron" mixture or something equivalent - 2 layers: flat surface. (Applied over the monolith walls)	m ²	43.40		

1	2	3	4	5	6	7
54	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapor, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	26.46		
		<i>Total</i>	USD			
		Total Monolith walls Pm 1 Including salary				
		<i>Total</i>	USD			
		Total Monolith pool Including salary				
		7. Consolidation of existing walls				
55	CF05A	Interior plastering of 3 cm thickness, executed on braided wire, leveled, with sand-cement mortar M 100-T brand, applied on the walls	m2	132.30		
		<i>Total</i>	USD			
		Total Consolidation of existing walls Including salary				
		8. Consolidation of the door space				
56	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	125.18		
		<i>Total</i>	USD			
		Total Consolidation of the door space Including salary				
		9. Consolidation of the floor				
57	CC02M1	Concrete steel fittings OB 37 shaped in construction shops, with bars up to 8 mm inclusively in diameter and mounted in plates, at heights over 35 m, excluding constructions executed with sliding formwork (Concrete steel, D=8mm, A-I)	kg	78.00		
58	CC02N2	Concrete steel fittings PC 52 shaped in construction shops, with	kg	90.75		

1	2	3	4	5	6	7
		bars over 8 mm diameter and mounted on plates, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork (Concrete steel, D=10 mm, A-III)				
59	CC02N2	Concrete steel fittings PC 52 shaped in construction shops, with bars over 8 mm diameter and mounted on plates, at heights less than or equal to 35 m, excluding constructions executed with sliding formwork (Concrete steel, D=14 mm, A-III)	kg	178.75		
60	CC03C	Assembling sealed meshes at heights lower or equal to 35 m, for plates	kg	272.28		
61	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	7.03		
62	CC03C	Assembling sealed meshes at heights lower or equal to 35 m, for plates	kg	123.50		
63	CG01A	Supporting layer for flooring executed from cement mortar M 150-T of 3 cm thickness with delicately smoothed face	m2	61.60		
		<i>Total</i>	USD			
		Total Consolidation of the floor Including salary				
		10. Separating walls				
64	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=6mm, A-I)	kg	5.08		

1	2	3	4	5	6	7
65	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=4mm, A-I)	kg	7.13		
66	CA03A2	Concrete poured in foundations, basement, support walls, walls under zero level, prepared with the concrete plant on the site and pouring with classical means of simple concrete Class C 7.5	m3	0.92		
67	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	12.60		
68	CD50A	Brickwork from simple bricks, made of 250 x 120 x 65 format at the external walls with the height up to 4 m	m3	2.30		
		<i>Total</i>	USD			
		Total Separating walls Including salary				
		11. Restoring the entry into the basement				
69	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	89.40		
70	CA09A	Cyclopean concrete class C5/4 in foundations, basement, support walls, prepared in centralized installations	m3	17.81		
71	IzF04B	Waterproof layer made in hot conditions for the terraces, roofs or foundations and slabs, in fields without groundwater, including moldings and valleys from the current waterproofing protection on horizontal or inclined surfaces up to 40%, flat or curved , with	m2	65.16		

1	2	3	4	5	6	7
		bitumen cardboard, stuck all over with bitumen mastic				
72	TsD05A	Compacting 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 non-cohesive ground	100 m3	0.06		
73	TsC54B	Foundation layer from crushed stone	m3	1.84		
74	DB16A	Asphalt concrete covering with small aggregates, executed in hot conditions, in thickness of 2.5 cm with manual laying	m2	18.40		
		<i>Total</i>	USD			
		Total Restoring the entry into the basement Including salary				
		12. Monolith stairs Sc-1				
75	TsD05A	Compacting 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 non-cohesive ground	100 m3	0.08		
76	TsC54C	Foundation layer of gravel	m3	0.92		
77	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	7.20		
78	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=6mm, A-I)	kg	31.28		
79	CC01D	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars with over 8	kg	7.65		

1	2	3	4	5	6	7
		mm diameter inclusively in isolated foundations (Concrete steel, D= 8 mm, A-I)				
80	CC01D	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars with over 8 mm diameter inclusively in isolated foundations (Concrete steel, D= 8 mm, A-III)	kg	20.20		
81	CC01D1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in isolated foundations (Concrete steel, D = 10 mm, A-III)	kg	61.92		
82	CC01D1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars over 8 mm diameter inclusively in isolated foundations (Concrete steel, D = 12 mm, A-III)	kg	149.52		
83	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	3.05		
84	CG01A	Supporting layer for flooring executed from cement mortar M 100-T of 3 cm thickness with delicately smoothed face	m2	12.42		
85	CI05A	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with grout, executed on plain surfaces of walls, pylons and interior beams, applied with adhesive, for which special requirements are imposed by the architectural design	m2	12.42		
		<i>Total</i>	USD			

1	2	3	4	5	6	7
		Total Monolith stairs Sc-1 Including salary				
		13. Executing the dome				
86	CL17B	Various metal garments, mounted visibly: rail, grids, manhole covers, snow stops, grills (Dome elements)	kg	231.00		
87	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete (Embedded piece MI 1-23, 8 pcs.)	kg	30.40		
88	CE06A1	Anticorrosive protected and profiled board covers, curled or 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 manholes etc.	m2	17.00		
89	CE05A1	Covering from anticorrosive protected plane boards or galvanized 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 0.4 mm thickness, including the execution of valleys, aprons, connections to manholes etc.	m2	4.00		
		<i>Total</i>	USD			
		Total Executing the dome Including salary				
		14. Carpentry				
90	CK12A	Metallic doors manufactured from rolled iron profiles, steel-band cold-cut profiles, including necessary coat and accessories for the doors assembled in walls of any type of construction, with height up to 35 m inclusively, within one leaf, with the area of the case between 7 m2 inclusively	m2	3.50		

1	2	3	4	5	6	7
91	CK25A	Doors made of plastic profiles, including the casement and the necessary accessories for assembling doors in any type of masonry in constructions with the height up to 35 m inclusively, in one leaf, with the surface of the case up to 7 m2 inclusively	m2	26.12		
92	CK23A	Plastic windows with one or more leafs with heights up to 35 m inclusively, having an area of the casement up to 1,00 m2, inclusively	m2	0.32		
93	CK23B	Plastic windows with one or more leafs with heights up to 35 m inclusively, having an area of the casement between 1,00 and 2,5 m2 inclusively	m2	13.68		
		<i>Total</i>	USD			
		Total Carpentry Including salary				
		15. Executing the base				
94	IzF10C	Insulating layer for the terrace, roofs and plates, from cellular polystyrene, hemp chaff, porous, set PEL etc., glued with bituminous putty on surfaces with a slope over 40% or vertical surfaces	m2	32.00		
95	CC03A	Assembling sealed meshes at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	32.00		
96	CF15A	Exterior plastering trowel, executed in cement mortar M 100-T of 2 cm average thickness, for walls from concrete or bricks, with plain surfaces	m2	32.00		
97	CI05B	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with putty, executed on plain surfaces of walls, pylons and	m2	32.00		

1	2	3	4	5	6	7
		interior beams, externally, for which special requirements are imposed by the architectural design				
		<i>Total</i>	USD			
		Total Executing the base Including salary				
		16. Building the interior walls (ground floor)				
98	CD55C	Limestone masonry blocks for the walls with height up to 4 m, masonry in rows	m3	22.60		
		<i>Total</i>	USD			
		Total Building the interior walls (ground floor) Including salary				
		17. Internal finishing works				
		17.1. Internal finishing works, level -4.000				
99		Flooring		0.00		
100	CG01A	Supporting layer for flooring executed from cement mortar M 150-T of 3 cm thickness with delicately smoothed face	m2	34.00		
101	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapor, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	34.00		
102	CG01A	Supporting layer for flooring executed from cement mortar M 150-T of 3 cm thickness with delicately smoothed face	m2	34.00		
103	CI05B	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with putty, executed on plain surfaces of walls, pylons and interior beams, externally, for which special requirements are	m2	34.00		

1	2	3	4	5	6	7
		imposed by the architectural design				
104		Walls		0.00		
105	CF02A	Exterior coating of 2 cm thickness, levelled, executed manually, on the walls and pylons, on plain surfaces, with cement-lime mortar of brand M 25-T for sprit and lime-cement mortar M 10-T for primer and visible layer, on brick masonry or small concrete blocks	m2	171.58		
106	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	132.30		
107	CN53A	Coating the internal surfaces of the walls and ceilings	m2	171.58		
108	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	171.58		
109	CI05A	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with grout, executed on plain surfaces of walls, pylons and interior beams, applied with adhesive, for which special requirements are imposed by the architectural design	m2	110.30		
110		Ceiling		0.00		
111	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	61.00		
112	CN53A	Coating the internal surfaces of the walls and ceilings	m2	61.00		
113	CN06A	Interior painting with paints based on vinyl copolymers in water	m2	61.00		

1	2	3	4	5	6	7
		emulsion, applied in 2 layers on the existing fillings, executed manually.				
		<i>Total</i>	USD			
		Total Internal finishing works, level -4.000 Including salary				
		17.2. Internal finishing works, level +0.600				
114		Flooring		0.00		
115	IzF18B	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M100-T brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 2 cm	m2	94.76		
116	CG01A	Supporting layer for flooring executed from cement mortar M 150-T of 3 cm thickness with delicately smoothed face	m2	94.76		
117	IzF01A	Priming the surface for applying diffusion layer, a barrier against vapor, heat-insulation or waterproofing on horizontal surfaces, angled or vertical, with bitumen solution (cut bitumen), in two layers	m2	68.26		
118	IzF18B	Support layer for equalization or protective insulation, including related moldings, executed with ready-made mortar cement of M100-T brand without any lime adds, leveled, on horizontal or inclined surfaces up to 40% inclusively, applied in medium thickness of 2 cm	m2	68.26		
119	CI05B	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with putty, executed on plain surfaces of walls, pylons and interior beams, externally, for	m2	94.76		

1	2	3	4	5	6	7
		which special requirements are imposed by the architectural design				
120		Walls		0.00		
121	RpCJ04A	Repairing interior coating of 2 cm thickness, levelled, executed on the walls or columns, on flat surfaces, from brickwork or small concrete blocks, with cement-lime mortar M 25-T brand, for sprit and cement-lime mortar 10 T brand, for ground and visible layer (Repairing the coating - 30% of the walls)	m2	92.77		
122	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	312.25		
123	CN53A	Coating the internal surfaces of the walls and ceilings	m2	312.25		
124	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	65.25		
125	CI05A	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with grout, executed on plain surfaces of walls, pylons and interior beams, applied with adhesive, for which special requirements are imposed by the architectural design	m2	247.00		
126		Ceiling		0.00		
127	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	94.76		
128	CN53A	Coating the internal surfaces of the walls and ceilings	m2	94.76		

1	2	3	4	5	6	7
129	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	94.76		
		<i>Total</i>	USD			
		Total Internal finishing works, level +0.600 Including salary				
		<i>Total</i>	MDL			
		Total Internal finishing works Including salary				
		18. Monolith foundation Fm 2				
130	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete (Pillars for lighting)	kg	1 680,00		
131	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	3.20		
		<i>Total</i>	USD			
		Total Monolith foundation Fm 2 Including salary				
		19. Foundation Pf 1				
132	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, concrete steel, pipes for supporting or covering, totally or partially embedded in concrete	kg	104.85		
133	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on	m3	1.41		

1	2	3	4	5	6	7
		the horizontal - up to 15 m inclusively, reinforced concrete class C15				
		<i>Total</i>	USD			
		Total Foundation Pf 1 Including salary				
		20. Foundation Pf 2				
134	TsC54C	Foundation layer of gravel	m3	0.60		
135	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=8mm, A-I)	kg	3.30		
136	CC01C1	Concrete steel fittings PC 52 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated foundations (Concrete steel, D=8mm, A-III)	kg	32.34		
137	CA03L	Simple concrete, poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit or concrete art. CA01, poured with vertical pump (depth) up to 10 m including on the horizontal - up to 15 m inclusively, reinforced concrete class C15	m3	0.75		
		<i>Total</i>	USD			
		Total Foundation Pf 2 Including salary				
		21. Metallic fence				
138	TsC39A1	Mechanical digging of holes, with drilling installation on the site, for the holes of the pillars and electricity anchors in land fields of cat. II-III, depth 0.8m	piece	25.00		
139	CC01C	Concrete steel fittings OB 37 shaped in construction shops, assembled with bars up to 8 mm diameter inclusively in isolated	kg	29.16		

1	2	3	4	5	6	7
		foundations (Concrete steel, D=6mm, A-I)				
140	CO06B4	Fencing from wire mesh with fence round steel panels fixed to the pre-manufactured reinforced concrete pillars mounted with a spacing of 2 m, spacing made by tamping with stone, with the ridge height of 2.05 m, for using simple concrete for planting the metallic pillars. (Concrete C10 - 27.3 m3, metallic pillars with lid - 1152.0 kg, restraint system - 75 pcs., panel of folded sheet 150.0 m2)	m	60.00		
141	Market price	Zinc-coated restraint system 40 x 40	piece	75.00		
142	IzD03C	Painting the metal garments and constructions with a layer of red lead-based paint, executed on profiles with thickness up to 8 mm inclusively, with manual brush	t	2.13		
143	IzD04C	Painting the metal garments and constructions with oil-based paint in 2 layers, executed on profiles with thickness up to 8 mm inclusively, with manual brush	t	2.13		
		<i>Total</i>	USD			
		Total Metallic fence Including salary				

		Total	USD			
		Social and health insurance				
		Transportation costs				
		Storage costs				
		Direct costs				
		Overhead costs				
		Total				
		Estimate benefit				
		Total estimates: Including salary				

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**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

**LOCAL ESTIMATES NR. 2-3
Renovation of pools. Resistance**

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	
					Price per unit of measure, USD (including the salary)	Total (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Big pool				
		1.1. Demolishing				
1	RpCM33A	Removing the plates of floor tiles, ceramics, and pottery from the pool walls	m2	175.00		
2	RpCM33A	Removing the plates of floor tiles, ceramics, and pottery from the bottom of the pool	m2	375.00		
3	RpCB18F	Demolishing the old concrete with mechanic means, simple concrete from the pool walls	m3	4.50		
4	RpCB18F	Demolishing the old concrete with mechanic means, simple concrete. Drain channel	m3	30.50		
5	DI109	Mechanized scrapping of the asphalt concrete coating	m3	72.50		
6	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. (Collecting and loading the stripped asphalt)	100 m3	1.19		

1	2	3	4	5	6	7
7	TsI50B1	Transportation of soil with the dumper at a distance of 11 km	t	225.00		
8	TsC51B	Works for unloading the soil in the storage, field category II	100 m3	1.19		
		<i>Total</i>	USD			
		Total Demolishing Including salary				
		1.2. Construction works				
9	CA03F01	Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - level walls, manufactured with concrete making unit, poured with classical means, simple concrete class C 10	m3	75.00		
10	CC03A	Assembling sealed meshes at heights lower or equal to 35 m, for walls with diaphragms, with the weight of the meshes up to 3 kg/m2	kg	539.00		
11	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	175.00		
		<i>Total</i>	USD			
		Total Construction works Including salary				
		<i>Total</i>	USD			
		Total Big pool Including salary				

		Total	USD			
		Social and health insurance				
		Transportation costs				
		Storage costs				
		Direct costs				
		Overhead costs				
		Total				
		Estimate benefit				
		Total estimates: Including salary				

Compiled

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Verified

(position, signature, name, surname)

**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

Form No. 1

(name of the site)

**LOCAL ESTIMATES NR. 2-4
Ventilation - ST. 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	
					Price per unit of measure, USD (including the salary)	Total (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Equipment				
1	Market price	Slumping-aspiration system VUT2000 PA EC or something equivalent L=1100 m3/h P=450 Pa	piece	1.00		
2	Market price	Ventilator Vents or something equivalent N=0,420 kW, I=2,5 A, U=230 V	piece	2.00		
3	Market price	Radiator Vents or something equivalent N=12,0 kW I=17,4 A, U=230 V	piece	1.00		
4	Market price	Heat exchanger with plates with an efficiency of 50%	piece	1.00		
5	Market price	Filter with the filtration class G4 or something equivalent	piece	1.00		
6	Market price	Temperature sensor for air relief + display + electrical panel	piece	1.00		
7	Market price	Device for closing the air flow KRA 315 with servo motor CM230 Vents or something equivalent	piece	1.00		
8	Market price	Air nozzle MV 150 Pfs or something equivalent	piece	1.00		
9	Market price	Air nozzle MV 200 Pfs or something equivalent	piece	1.00		
10	Market price	Guillotine flap (gate valve) 125x125	piece	2.00		
11	Market price	Umbrella D=315 series c.5.904-51 or something equivalent	piece	1.00		

1	2	3	4	5	6	7
12	Market price	Ventilation grate R25 300x150	piece	4.00		
13	Market price	Ventilation grate R25 600x150	piece	4.00		
14	Market price	External metallic grate R25 300x650	piece	1.00		
Total			USD			
Procurement - storage costs						
Total Equipment						
2. Mounting works						
15	VC01B	Assembling the centrifuge-type ventilators with total weight 50-400 kg, assembled in metallic case	piece	2.00		
16	CL20A	Ready-made ventilation grates made of blackboard with manually adjustable blinds, painted and mounted in masonry R25 300x150	piece	4.00		
17	CL20A	Ready-made ventilation grates made of blackboard with manually adjustable blinds, painted and mounted in masonry R25 600x150	piece	4.00		
18	CL20A	Ready-made ventilation grates made of blackboard with manually adjustable blinds, painted and mounted in masonry. External metallic grate R25 300x650	piece	1.00		
19	VC12A	Assembling the air filter, with filtering bags, having the total weight of 50 - 200 kg	piece	1.00		
20	11-02-002-01	Device installed on threaded joints, weight, kg, up to: 1.5 (sensors)	piece	1.00		
21	IB18C	Baseboard convector, with calorific power of 1001 - 2000 Btu/h	piece	1.00		
22	VC18A	Mounting the device of air conditioning, special, modulated, type ACM-5, for mixing, filtering, heating, humidification, cooling, post-heating, ventilation, distribution, noise mitigation, having the treated air flow of 3.500 - 12.000 m3/h (air discharge system)	piece	1.00		
23	VC24A	Elastic supporter for ventilator, with rubber elastic supporters (flexible duct)	piece	2.00		
24	11-06-001-01	Panel, mass, kg, up to: 50 (control panel)	piece	1.00		
25	AcB09A	Assembling devices for electrical triggering of fillets	piece	1.00		
Total			USD			
Social and health insurance						

1	2	3	4	5	6	7
Transportation of materials						
Overhead costs						
Estimate benefit						
Total Mounting works						
3. Ventilation construction works						
26	VA02E	Manufacturing and mounting the straight ventilation ducts, from galvanized steel or aluminum board of 0.5 mm thickness, having the perimeter of the circular section of 250 - 700 mm D=125 mm	m2	2.35		
27	VA02A	Manufacturing and mounting the straight ventilation ducts, from galvanized steel or aluminum board of 0.5 mm thickness, having the perimeter of the rectangular section of 250 - 700 mm D=200 mm	m2	2.51		
28	VA02B	Manufacturing and mounting the straight ventilation ducts, from galvanized steel or aluminum board of 0.5 mm thickness, having the perimeter of the rectangular section of 700 - 1600 mm D=250 mm	m2	3.14		
29	VA02B	Manufacturing and mounting the straight ventilation ducts, from galvanized steel or aluminum board of 0.7 mm thickness, having the perimeter of the rectangular section of 700 - 1600 mm D=280 mm	m2	3.52		
30	VA02E	Manufacturing and mounting the straight ventilation ducts, from galvanized steel or aluminum board of 0.5 mm thickness, having the perimeter of the circular section of 250 - 700 mm D=315 mm	m2	21.76		
31	IzH22A	Insulation of pipes with ready-made mineral wool shells, with thickness of 50 mm IZOVER KIM AL or something equivalent	m2	33.28		
Total			USD			
Social and health insurance						
Transportation of materials						
Overhead costs						
Estimate benefit						
Total Ventilation construction works						

Including salary

Total estimates:

Including salary

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**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

LOCAL ESTIMATES NR. 4-1

Treatment/Filtering Station. Reconstruction of power supply network (REAE brand)

Compiled in current prices

No. crt.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Price per unit of measure, USD (including the salary)	Total, (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16D1	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, very hard ground (Soil excavation for ditches)	m3	13.000		
2	TsD19A	Compacted earth filler, at the foundation of the pillars of high-voltage aerial power line, with soil from light or medium fields (Earth backing)	m3	0.700		
3	Supplier's price	Sand	m3	4.300		
4	Supplier's price	Bricks	piece	288.000		
5	D1109	Mechanized scrapping of the asphalt concrete coating	m3	1.380		
6	TsC03H1	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	100 m3	0.014		

1	2	3	4	5	6	7
		cat. III (Loading the waste with the excavator of 0,40-0,70 m ³ with engine into vehicles k=0.85)				
7	TsI50B5	Transportation of the ground with the dumper at a distance of 15 km	t	2.900		
8	DA06A2	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-freezing, and anti-capillary, with sand-based manual coverage (Laying the sand manually for a thickness of 100 mm)	m ³	2.300		
9	DA06A1	Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-freezing, and anti-capillary, with pebble-based manual coverage (Laying the pebble manually for a thickness of 100 mm)	m ³	2.300		
10	DB19C	Asphalt concrete covering with big aggregates, executed in hot conditions, in thickness of 6.0 cm with manual laying	m ²	23.000		
11	DB16D	Asphalt concrete covering with big aggregates, executed in hot conditions, in thickness of 4.0 cm with manual laying	m ²	23.000		
12	34-02-003-1	Executing the pipe line from polyethylene pipes: up to 2 holes (polyethylene pipe D=63 mm)	km	0.024		

Direct expenses			USD			
Social Insurance						
Total						
Transportation costs						
Total						
Semi-manufactured and storage costs						
Total						
Overhead costs						
Total						

1	2	3	4	5	6	7
Estimate benefit						
Total Construction works						
Including salary						
		2. Mounting works				
		2.1. Existing electrical distribution panel BPU-1				
13	08-03-523-1	Safety device, installed on insulating support, power up to 100 A (Safeguard ППНИ33-160A / 63A)	piece	3.000		
Total Existing electrical distribution panel BPU-1						
Including salary						
		2.2. Cableware				
14	08-02-141-1	Cable up to 35 kV in ditches executed without covering, weight 1 m up to: 1 kg (cable in ditches)	100 m	0.600		
15	08-02-148-1	Cable up to 35 kV in pipes, blocks, and laid cases, weight 1 m up to: 1 kg (Cable in polyethylene tube, in cable tray)	100 m	0.300		
16	Market price	Cable АПвБ6Шп-1 5x25,0 mm2	m	90.000		
17	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	0.720		
18	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	0.180		
19	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.480		
20	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.180		
Total Cableware						
Including salary						
		2.3. Sleeves				

1	2	3	4	5	6	7
21	08-02-165-1	Terminal collar from synthetic resins (epoxy) for cable with 3 conductors, pressure up to 1 kV, section of one conductor, up to: 35 mm ² (End sleeve 5ПКТП(6)-1-25/50(Б))	piece	2.000		
Total Sleeves						
Including salary						
2.4. Cable-carrier systems						
22	08-02-396-6	Metallic channel on walls and ceilings, length 3 m (metallic cable tray)	100 m	0.060		
23	Market price	Metallic cable tray 60x40x2,5mm	m	6.000		
Total Cable-carrier systems						
Including salary						
2.5. Other materials						
24	08-01-082-1	Range of clamps: clamps without protection carcass	100 pieces	0.100		
25	Supplier's price	Aluminum caps D=25 mm ²	piece	10.000		
Total Other materials						
Including salary						
2.6. Dismantling works						
26	RpEB13D	Removal of aluminum or copper conductors, with or without insulation, introduced in protection tubes or pipes, aerially assembled on insulators - rollers, on plastered walls or platforms or embedded conductors, with section 70-120 mm ² (Dismantling the cable АВВГ 5x25 mm ² , sectional area 70-120 mm ²)	m	90.000		
Total Dismantling works						
Including salary						

1	2	3	4	5	6	7
		Direct expenses	USD			
		Social Insurance				
		Total				
		Transportation costs				
		Total				
		Semi-manufactured and storage costs				
		Total				
		Overhead costs				
		Total				
		Estimate benefit				
Total Mounting works						
Including salary						
		3. Value of the equipment				
27	Company's price	Safeguard ППНИ33-160A / 63A	piece	3.000		
		Direct expenses	USD			
		Semi-manufactured and storage costs				
Total Value of the equipment						
Including salary						
Construction works						
Mounting works						
Value of the equipment						

**Total estimates:
Including salary**

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**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

LOCAL ESTIMATES NR. 4-2

Treatment/Filtering Station. Reconstruction of electrical plant and lighting (brand IEI/EEF)

Compiled in current prices

No. crt.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Price per unit of measure, USD (including the salary)	Total, (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Mounting works 1.1. Switchboards, closets, equipment				
1	08-03-572-4	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and width, mm, up to 1200x1000 (Suspended switchboard BZUM-TF-02-100-16 - ГПИЦ)	piece	1.000		
2	08-03-575-1	Device or appliance dismantled before transportation (ГПИЦ)	piece	4.000		
3	08-03-572-3	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and width, mm, up to 600x600 (Switchboard ИЦПН-363-1/74 IP54-PRO - ИЦП-1)	piece	1.000		
4	08-03-575-1	Device or appliance dismantled before transportation (Installation of switches and devices in the shield ИЦП-1)	piece	13.000		
5	08-03-572-3	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and	piece	1.000		

1	2	3	4	5	6	7
		width, mm, up to 600x600 (Distribution board КМПП-4/IP66 - ЩАО-1)				
6	08-03-575-1	Device or appliance dismantled before transportation (Installation of switches and devices in the shield ЩАО-1)	piece	2.000		
Total Switchboards, closets, equipment						
Including salary						
1.2. Lighting equipment						
7	08-03-594-2	Light fitting with luminescent lamps mounted separately on pylons, quantity of lamps in the light fitting, 2	100 pieces	0.050		
8	Supplier's price	Light fitting LZ 2x36	piece	3.000		
9	Supplier's price	Light fitting LZ 2x18	piece	2.000		
10	Market price	Luminescent lamp L18W	piece	4.000		
11	Market price	Luminescent lamp L36W	piece	6.000		
12	RpEF21F	Assembling the accessories for the lamps: bed plate 20 W (Installing the stand-by power unit)	piece	2.000		
Total Lighting equipment						
Including salary						
1.3. Cableware						
13	08-02-148-1	Cable up to 35 kV in pipes, blocks, and laid cases, weight 1 m up to: 1 kg (Cable in tubes)	100 m	0.900		
14	Market price	Cable ВВГнг-LS 3x1,5 mm ²	m	25.000		
15	Market price	Cable ВВГнг-LS 3x2,5 mm ²	m	5.000		
16	Market price	Cable ВВГнг-LS 5x2,5 mm ²	m	5.000		

1	2	3	4	5	6	7
17	Market price	Cable BBГНГ-LS 5x4,0 mm2	m	5.000		
18	Market price	Cable BBГНГ-LS 5x6,0 mm2	m	10.000		
19	Market price	Cable BBГНГ-LS 5x10,0 mm2	m	10.000		
20	Market price	Cable BBГНГ-FRLS 3x1,5 mm2	m	30.000		
21	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 (Strand ПБ1 1x4ММ -1 saddle)	100 m	0.100		
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 mm2 (Strand ПБ1 1x6ММ -1 saddle)	100 m	0.100		
Total Cableware						
Including salary						
1.4. Wiring wares						
23	08-03-591-1	Switcher with one flap, unburied type, in open installation (BC20-1-0-ΦCp)	100 pieces	0.030		
24	08-03-591-1	Switcher with one flap, unburied type, in open installation	100 pieces	0.020		
25	08-03-591-8	Plug socket, unburied type, in open installation (PC620-3-ГПБд)	100 pieces	0.010		
26	08-03-603-1	Box with descending transformers (ЯТП-0,25 220/12)	piece	1.000		
27	08-03-591-12	Blocks with three switchers and one plug socket, buried type, in closed installation (power connector with three phases + one phase 16A, IP65)	100 pieces	0.010		
Total Wiring wares						

1	2	3	4	5	6	7
Including salary						
1.5. Pipes						
28	08-02-410-1	Polyethylene pipe on the floor stand, diameter up to 25 mm	100 m	0.600		
29	Market price	Polyethylene pipe d=3x20mm	m	50.000		
30	Market price	Polyethylene pipe d=4x25mm	m	10.000		
31	08-02-410-2	Polyethylene pipe on the floor stand, diameter up to 50 mm	100 m	0.150		
32	Market price	Polyethylene pipe d=5x32mm	m	10.000		
33	Market price	Polyethylene pipe d=5x40mm	m	5.000		
Total Pipes						
Including salary						
1.6. Other materials						
34	08-02-472-7	Grounding conductor, open, on construction supports, from steel strips, section 160 mm ² (40x4mm)	100 m	0.500		
Total Other materials						
Including salary						
1.7. Dismantling works						
35	RpEG17E	Dismantling the electricity switchboards	piece	6.000		
Total Dismantling works						
Including salary						
Direct expenses			USD			
Social Insurance						
Total						
Transportation costs						
Total						
Semi-manufactured and storage costs						
Total						

1	2	3	4	5	6	7
Overhead costs						
Total						
Estimate benefit						
Total Mounting works						
Including salary						
2. Value of the equipment						
36	Supplier's price	Metering cabinet BZUM-TF-02-100-16	piece	1.000		
37	Supplier's price	Disconnecting switch, 3-poles, BP 32-31 100A	piece	1.000		
38	Supplier's price	Automated three-poles switch BA47-29, 25, 32, 40A(C)	piece	3.000		
39	Supplier's price	Shield ЩРН-363-1/74 IP54	piece	1.000		
40	Supplier's price	Three-poles load-break switch BH-32 3P 32A	piece	1.000		
41	Supplier's price	Two-poles load-break switch BH-32 2P 10A	piece	1.000		
42	Supplier's price	Automated one-pole switch BA47-29, 6A (B)	piece	3.000		
43	Supplier's price	Dif. automated switch АВДТ 32/2P/C6, 20/30mA	piece	3.000		
44	Supplier's price	Dif. automated switch АВДТ 34/4P/C10/30mA	piece	1.000		
45	Supplier's price	Starter ППК32-6,3/4,0-6,3A	piece	1.000		
46	Supplier's price	Starter ППК32-18,0/13,0-18,0A	piece	1.000		
47	Supplier's price	Additional contact ДКП32-11	piece	2.000		
48	Supplier's price	Distribution switchboard IP66, 190x110x104, for 4 modules, КМПН-4/IP66	piece	1.000		
49	Supplier's price	One-pole load-break switch BH-32 1P 10A	piece	1.000		
50	Market price	Stand-by power block	piece	2.000		

1	2	3	4	5	6	7
Direct expenses			USD			
Semi-manufactured and storage costs						
Total Value of the equipment						
Including salary						
Mounting works						
Value of the equipment						

**Total estimates:
Including salary**

Compiled

_____ (position, signature, name, surname)

Verified

_____ (position, signature, name, surname)

**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

**LOCAL ESTIMATES NR. 4-3
Reconstructing the outdoor lighting (brand IEE)**

Prepared in current prices

No. crt.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Price per unit of measure, USD (including the salary)	Total, (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Construction works				
1	TsA16D1	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, very hard ground (Soil excavation for ditches)	m3	25.000		
2	TsD19A	Compacted earth filler, at the foundation of the pillars of high-voltage aerial power line, with soil from light or medium fields (Earth backing)	m3	16.700		
3	Supplier's price	Sand	m3	8.300		
4	Supplier's price	Bricks	piece	700.000		
5	34-02-003-1	Executing the pipe line from polyethylene pipes: up to 2 holes (polyethylene pipe D=32 mm)	km	0.105		
6	34-02-003-1	Executing the pipe line from polyethylene pipes: up to 2 holes (polyethylene pipe D=25 mm)	km	0.036		
7	33-01-016-1	Assembling the steel pylons LEA 35-500 kV, for support, self-standing, on one stand,	t	0.800		

1	2	3	4	5	6	7
		weight up to 2 t (supports CC 10M76/216/4 - 8 pieces)				
8	33-04-042-1	Removing the pillars LEA 0,38-10 kV with no adds: with on single foot (Dismantling the stands CK-22, H=10m)	piece	8.000		
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 15 (Concrete B15)	m3	3.000		
Direct expenses			USD			
Social Insurance						
Total						
Transportation costs						
Total						
Semi-manufactured and storage costs						
Total						
Overhead costs						
Total						
Estimate benefit						
Total Construction works						
Including salary						
		2. Mounting works 2.1. Switchboards, closets, equipment				
10	08-03-572-3	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and width, mm, up to 600x600 (switchboard ИИМП-1-0/Y2/IP54 - ИИСБ-1)	piece	1.000		
11	08-03-575-1	Device or appliance dismantled before transportation (ИИСБ-1)	piece	4.000		
Total Switchboards, closets, equipment						
Including salary						

1	2	3	4	5	6	7
		2.2. Cableware				
12	08-02-141-1	Cable up to 35 kV in ditches executed without covering, weight 1 m up to: 1 kg (cable in ditches)	100 m	1.090		
13	08-02-148-1	Cable up to 35 kV in pipes, blocks, and laid cases, weight 1 m up to: 1 kg (Cable in polyethylene pipes)	100 m	1.160		
14	Market price	Cable C2XY-F 5x4,0 mm ²	m	135.000		
15	Market price	Cable C2XY-F 4x1,5 mm ²	m	90.000		
16	08-02-142-1	Executing the bedding for one single cable in the ditch	100 m	1.070		
17	08-02-142-2	Every subsequent cable will be added at the standard 08-01-142-1	100 m	1.180		
18	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.490		
19	08-02-143-2	Covering the cable, placed in the ditch: with bricks every subsequent cable	100 m	0.600		
20	08-02-148-1	Cable up to 35 kV in pipes, blocks, and laid cases, weight 1 m up to: 1 kg (cable in pipe, duct)	100 m	0.450		
21	Market price	Cable BBΓHT-LS 3x2,5 mm ²	m	45.000		
22	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 (Wire ΠB1 1x1,5 - 1 laying)	100 m	0.500		
23	08-02-412-9	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 (Wire ΠB1 1x1,5 - subsequent)	100 m	1.900		

1	2	3	4	5	6	7
Total Cableware						
Including salary						
2.3. Lighting equipment						
24	08-03-596-5	Projector, assembled separately on the console, mounted on pylons, with the lamp, power, W: 500 (with k=1.05 and height 10 and 6 m)	100 pieces	0.110		
25	Market price	Metallic-halogen lamp МГЛ400W/E40	piece	8.000		
26	Market price	Metallic-halogen lamp МГЛ250W/E40	piece	3.000		
Total Lighting equipment						
Including salary						
2.4. Outdoor light supports						
27	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, power up to 25 A (Mounting on the switch support BA47-29)	piece	8.000		
28	08-01-082-1	Range of clamps: clamps without protection carcass	100 pieces	0.800		
29	Supplier's price	Terminal clamps ЗНН-4,0 mm ² - on the support	piece	80.000		
Total Outdoor light supports						
Including salary						
2.5. Other materials						
30	08-02-396-6	Metallic channel on walls and ceilings, length 3 m (metallic cable tray)	100 m	0.020		
31	Market price	Metallic cable tray 60x40x2,5mm	m	2.000		
32	08-02-409-1	Vinyl pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	0.300		

1	2	3	4	5	6	7
33	Market price	PVC pipe D=25 mm	m	30.000		
34	08-02-406-1	Metallic constructions	t	0.100		
Total Other materials						
Including salary						
2.6. Dismantling works						
35	RpEB13C	Removal of aluminum or copper conductors, with or without insulation, introduced in protection tubes or pipes, aerially assembled on insulators - rollers, on plastered walls or platforms or embedded conductors, with section 35-50 mm ² (Dismantling the cable АBBГНГ 2x16mm ² , sectional area 35-50 mm ²)	m	60.000		
36	08-03-596-5	Dismantling the projector, assembled separately on the console, mounted on pylons, with the lamp, power, W: 500 (removing the projectors, k=0.5)	100 pieces	0.110		
Total Dismantling works						
Including salary						
Direct expenses			USD			
Social Insurance						
Total						
Transportation costs						
Total						
Semi-manufactured and storage costs						
Total						
Overhead costs						
Total						
Estimate benefit						
Total Mounting works						
Including salary						
3. Value of the equipment						
37	Supplier's price	Shield ШММН-1-0/Y2/IP54	piece	1.000		

1	2	3	4	5	6	7
38	Supplier's price	Case for installing the control buttons KII101	piece	2.000		
39	Supplier's price	Control button APBB-22N	piece	2.000		
40	company's price	Projector LEADER UMS 400H / 3400Lm / 400Bm / E40 / IP-65	piece	8.000		
41	company's price	Projector LEADER UMS 250H/2000Lm/250Bm/E40/IP-65	piece	3.000		

Direct expenses USD

Semi-manufactured and storage costs

Total Value of the equipment

Including salary

Construction works

Mounting works

Value of the equipment

**Total estimates:
Including salary**

Compiled

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Verified

_____ (position, signature, name, surname)

**Modernization of Dinamo Sport
Center pool located in Chisinau,
23, Gheorghe Asachi Street**

(name of the site)

**LOCAL ESTIMATES NR. 7-1
General plan**

Compiled in current prices

No. crt.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, USD	
					Price per unit of measure, USD (including the salary)	Total (col.5 x col.6) USD
1	2	3	4	5	6	7
		1. Executing the pavement				
1	CI05B	Plywood from ceramic tile plates, partially vitrified, coated or not-coated, mate or bright, fixed on adhesive paste, including jointing with putty, executed on plain surfaces of walls, pylons and interior beams, externally, for which special requirements are imposed by the architectural design	m2	103.79		
2	DE17A	Pavement made of precast concrete paving slabs 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	779.95		
3	DE17A	Pavement made of precast concrete paving slabs 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 (tactile pavement)	m2	27.09		
		<i>Total</i>	USD			
		Total Executing the pavement				

1	2	3	4	5	6	7
		Including salary				
		2. Executing the stands				
4	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	2 083,00		
5	IzD10A	Anticorrosive painting with the manual brush of the metallic garments and constructions with one layer of anti-corrosive primer based on lead minium and two layers of chlorinated rubber enamel, of the metallic garments and constructions, executed on profiles with thicknesses between 8 mm and 12 mm inclusively	t	1.10		
6	CH09A	Interior straight stairs from hardwood (oak , beech , elm) any length, wooden steps and risers (Wooden plywood for stands)	m	6.09		
7	CN51F	Antiseptic treatment of the carpentry, on apparent areas with antiseptic paste: needling, ribs.	100 m2	0.10		
8	CN16A	Painting with oil-based paints and lacs applied on the carpentry from wood, executed with 3 layers of oil-based paints for doors and windows already with primer.	m2	9.60		
		<i>Total</i>	USD			
		Total Executing the stands Including salary				
		3. Greening the area				
9	TsH09C	Planting the lawns on the bank areas with 1 kg of seeds per 100 m2	100 m2	0.54		
		<i>Total</i>	USD			
		Total Greening the area Including salary				
		4. Diverse				
10	CO21A	Mounting the installations for the flags	100 pieces	0.03		

1	2	3	4	5	6	7
11	Market price	Sun-blind chair for the coach	piece	4.00		
		<i>Total</i>	USD			
		Total Diverse Including salary				

		Total	USD			
		Social and health insurance				
		Transportation costs				
		Storage costs				
		Direct costs				
		Overhead costs				
		Total				
		Estimate benefit				
		Total estimates: Including salary				

Compiled

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Verified

(position, signature, name, surname)