

Changing the roof covering of the Cultural Hall in Holercani village, Dubasari district

(name of the site)

LOCAL ESTIMATES NO 4 Repairing works

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, \$	
					Per U.M. incl. salary	Total incl. salary
1	2	3	4	5	6	7
		1. Chapter 1. Repairing the roof frames of the Cultural Hall				
1	RpCI42B	Dismantling roof elements – asbestos-cement cover	m2	624.0000		
2	RpCH32C	Removing the wooden floors and roof elements - deck roof covering with or without recovery of materials	m2	624.0000		
3	CE41A	Assembling spars with antiseptic treatment	m3	8.6500		
4	CE30A1	Revetment of the covering or roofing tiles covering, with plates of Eternit type, etc., from rough wood planks (24 mm thick), in ordinary construction, the roof boarding at the domes and towers (consumption 7.5 m3)	m2	624.0000		
5	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	16.1500		
6	CN51D	Antiseptic treatment of the carpentry, on hidden areas with antiseptic paste: beams, plates.	m3	16.1500		
7	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (Jutafol)	m2	624.0000		
8	CE07A	Covering from imprinted board plates (roof tile type) for covering the roofs (Lindab type)	m2	624.0000		
9	CH06B	Current metal mine mounted on 15 cm supporters, spaced at distances of 1 1.2 m provided	m	76.0000		

1	2	3	4	5	6	7
		with welded rings , fixed to a brick wall or concrete parapet, made of cold-made steel profiles, right (snow stoppers)				
10	CE42A	Execution of dormers	piece	2.0000		
11	CM01C	Simply drawn windows 4-6 mm thick, in holds under 0.5 m2, for free measures, assembled on the wooden case with putty and nails	m2	2.0000		
12	RpCG29B	Demolishing with mechanical means the masonry walls for demolishing the refractory masonry, for dismantling with mechanical means with lateral rampant	m3	5.2000		
13	RpCJ12A	Interior and 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	7.8000		
14	RpCI11I	Repairing the covering of the chimneys, attics, etc. profiled tiles coverings	m2	12.0000		
15	CE31B	Simple eaves with ready-planed apparent rafters, on the visible surfaces, with simple profiles and with ready-edged deck on one side, with average width of 1 m	m2	64.0000		
16	RpIzC42A	Removing the insulation and insulating revetment, executed on walls and ceilings, laid simply or in a double way on walls, applied with glue or with accessories	m2	480.0000		
17	IzF10G	Insulating layer for the terrace, roofs and plates, from mineral wool plates type G 80 or G 100, or mineral wool plates of type PIB, glued with bituminous filler on areas with a slope over 40% or vertical areas (mineral wool th. 150 mm with density 90 kg/m3) material resources are excluded - filler, bitumen, fire wood, bitumen melting device	m2	480.0000		
18	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (layer for vapors' diffusion)	m2	960.0000		
19	RpCK01G	Repairing the support layer for the flooring executed from blind decking made of rough resinous planking, 24 mm thick, fixed in	m2	240.0000		

1	2	3	4	5	6	7
		resinous rulers of 50x80 mm, the rulers will be placed at a distance of about 60 cm				
20	CE20A	Systems of brass-type ditches from anticorrosive protected board	m	38.0000		
21	CE22A	Systems of brass-type tubing from anticorrosive protected board	m	36.0000		
22	TsC61C	Mechanic excavation of soil with “reversed bin” excavator with the volume of the bin of 0.15 m3, unloading in the dumper by repairing objects, reconstruction or rehabilitation: land field category 3 (disposal of debris)	100 m3	0.7800		
23	TsI50A10	Transportation of the ground with the dumper of 5 t at a distance of 10 km (disposal of debris)	t	92.5000		
24	TsC51C	Works for unloading the soil in the storage, field category III (disposal of debris)	100 m3	0.7820		
		<i>Total</i>	\$			
		Total Chapter 1. Repairing the roof frames of the Cultural Hall Including salary				
		2. Chapter 2. Repairing the roof Annex No. 1				
25	RpCI42B	Dismantling roof elements – asbestos-cement cover	m2	136.0000		
26	RpCH32C	Removing the wooden floors and roof elements - deck roof covering with or without recovery of materials	m2	136.0000		
27	CE41A	Assembling spars with antiseptic treatment	m3	2.6000		
28	CE30A1	Revetment of the covering or roofing tiles covering, with plates of Eternit type, etc., from rough wood planks (24 mm thick), in ordinary construction, the roof boarding at the domes and towers (1.65m3)	m2	136.0000		
29	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	3.6000		
30	CN51D	Antiseptic treatment of the carpentry, on hidden areas with antiseptic paste: beams, plates.	m3	3.6000		
31	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (Jutafol)	m2	136.0000		
32	CE07A	Covering from imprinted board	m2	136.0000		

1	2	3	4	5	6	7
		plates (roof tile type) for covering the roofs (Lindab type)				
33	CH06B	Current metal mine mounted on 15 cm supporters, spaced at distances of 1 1.2 m provided with welded rings , fixed to a brick wall or concrete parapet, made of cold-made steel profiles, right (snow stoppers)	m	13.0000		
34	RpCI11I	Repairing the covering of the chimneys, attics, etc. profiled tiles coverings	m2	12.0000		
35	CE31B	Simple eaves with ready-planed apparent rafters, on the visible surfaces, with simple profiles and with ready-edged deck on one side, with average width of 1 m	m2	26.0000		
36	RpIzC42A	Removing the insulation and insulating revetment, executed on walls and ceilings, laid simply or in a double way on walls, applied with glue or with accessories	m2	136.0000		
37	IzF10G	Insulating layer for the terrace, roofs and plates, from mineral wool plates type G 80 or G 100, or mineral wool plates of type PIB, glued with bituminous filler on areas with a slope over 40% or vertical areas (mineral wool th. 150 mm with density 90 kg/m3) material resources are excluded - filler, bitumen, fire wood, bitumen melting device	m2	136.0000		
38	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (layer for vapors' diffusion)	m2	272.0000		
39	RpCK01G	Repairing the support layer for the flooring executed from blind decking made of rough resinous planking, 24 mm thick, fixed in resinous rulers of 50x80 mm, the rulers will be placed at a distance of about 60 cm	m2	35.0000		
40	CE20A	Systems of brass-type ditches from anticorrosive protected board	m	15.0000		
41	CE22A	Systems of brass-type tubing from anticorrosive protected board	m	9.0000		
		<i>Total</i>	\$			
		Total Chapter 2. Repairing the roof Annex No. 1				

1	2	3	4	5	6	7
		Including salary				
		3. Chapter 3. Repairing the roof Annex No. 2				
42	RpCI42B	Dismantling roof elements – asbestos-cement cover	m2	145.0000		
43	RpCH32C	Removing the wooden floors and roof elements - deck roof covering with or without recovery of materials	m2	145.0000		
44	CE41A	Assembling spars with antiseptic treatment	m3	2.6500		
45	CE30A1	Revetment of the covering or roofing tiles covering, with plates of Eternit type, etc., from rough wood planks (24 mm thick), in ordinary construction, the roof boarding at the domes and towers (1.75m3)	m2	145.0000		
46	CN50A	Fireproof treatment of the carpentry; trusses, arches, beams, rafters, plates.	m3	3.6500		
47	CN51D	Antiseptic treatment of the carpentry, on hidden areas with antiseptic paste: beams, plates.	m3	3.6500		
48	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (Jutafol)	m2	145.0000		
49	CE07A	Covering from imprinted board plates (roof tile type) for covering the roofs (Lindab type)	m2	145.0000		
50	CH06B	Current metal mine mounted on 15 cm supporters, spaced at distances of 1 1.2 m provided with welded rings , fixed to a brick wall or concrete parapet, made of cold-made steel profiles, right (snow stoppers)	m	13.0000		
51	RpCI11I	Repairing the covering of the chimneys, attics, etc. profiled tiles coverings	m2	12.0000		
52	CE31B	Simple eaves with ready-planed apparent rafters, on the visible surfaces, with simple profiles and with ready-edged deck on one side, with average width of 1 m	m2	21.0000		
53	RpIzC42A	Removing the insulation and insulating revetment, executed on walls and ceilings, laid simply or in a double way on walls, applied with glue or with accessories	m2	145.0000		
54	IzF10G	Insulating layer for the terrace, roofs and plates, from mineral	m2	145.0000		

1	2	3	4	5	6	7
		wool plates type G 80 or G 100, or mineral wool plates of type PIB, glued with bituminous filler on areas with a slope over 40% or vertical areas (mineral wool th. 150 mm with density 90 kg/m3) material resources are excluded - filler, bitumen, fire wood, bitumen melting device				
55	CE17A	Additional polymeric layer of ondutiss type, assembled under the tile covering layer, imprinted or coiled plates (layer for vapors' diffusion)	m2	290.0000		
56	RpCK01G	Repairing the support layer for the flooring executed from blind decking made of rough resinous planking, 24 mm thick, fixed in resinous rulers of 50x80 mm, the rulers will be placed at a distance of about 60 cm	m2	35.0000		
57	CE20A	Systems of brass-type ditches from anticorrosive protected board	m	15.0000		
58	CE22A	Systems of brass-type tubing from anticorrosive protected board	m	9.0000		
		<i>Total</i>	\$			
		Total Chapter 3. Repairing the roof Annex No. 2 Including salary				
		4. Chapter 4. Ventilation channels				
59	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete (angle 50x50x4)	kg	570.0000		
60	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	0.5700		
61	CD07B	Walls made of impregnate galvanized board plates, folded, fastened by self-tapping screws, mounted at a height of up to 6 m inclusively galvanized board 0.8 mm	m2	22.7500		
62	IzH05B	Insulating the pipes with mattresses from glass wool, mineral wool of type I or mineral wool of type P, on corrugated	m2	22.7500		

1	2	3	4	5	6	7
		cardboard, made on the site, having a thickness of 20; 30; 40 or 60 mm, for the pipes with insulation circumference over 35 cm on synthetic binder 60-80 kg/m3				
63	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 Profiled board	m2	22.7500		
		<i>Total</i>	\$			
		Total Chapter 4. Ventilation channels Including salary				

		Total	\$	
		Social and health insurance	22.5 %	
		Transportation costs	10 %	
		Supply - Storage expenses	%	
		Total		
		Overhead costs	%	
		Total		
		Estimate benefit	%	
		Total		
		Total estimates: Including salary		

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)

Repairing works at the Garofita kindergarten, Cocieri village

(name of the site)

LOCAL ESTIMATES No. Repairing works at the Garofita kindergarten, Cocieri village Repairing works

No.	Symbol of the norm and resource code	Works and expenses	U.M.	Quantity according to the design data	Estimate value, \$	
					Per U.M. incl. salary	Total incl. salary
1	2	3	4	5	6	7
		1. Chapter 1 Repairing works for the premises on the second floor				
		1.1. Ceilings				
1	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling	m2	382.84		
2	CK50B	Suspended ceilings made of plasterboard on the site, 9.5 mm thickness, on galvanized profiles structure: flat ceiling surfaces, with holes for the lighting fittings	m2	334.48		
3	CK50B	Suspended ceilings made of plasterboard on the site, 9.5 mm thickness, on galvanized profiles structure: flat ceiling surfaces, with holes for the lighting fittings (hydro-resistant)	m2	48.36		
4	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 (Joints)	m2	57.45		
5	CN53A	Coating the internal surfaces of the walls and ceilings	m2	382.84		
6	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	382.84		
7	CF53B K=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar The plus or minus	m2	-382.84		

1	2	3	4	5	6	7
		difference for every 1.0 mm (is extracted at art. CF52) K=2				
8	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	382.84		
9	CN53A	Coating the internal surfaces of the walls and ceilings	m2	382.84		
10	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	382.84		
		<i>Total</i>	\$			
		Total Ceilings Including salary				
		1.2. Walls				
11	RpCG29A	Demolishing the walls from brick masonry or BCA 6-8 cm thick (Technical-sanitary block)	m2	18.70		
12	RpCM33A	Dismantling the plates of floor tiles, ceramics, and pottery	m2	42.85		
13	RpCJ35A	Clearing the exterior and interior coating from the walls	m2	857.20		
14	CN54A	Manual application of the quartz ground "BETONOCONTACT" in one layer	m2	857.20		
15	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	900.00		
16	CF15A	Internal and external polished plastering, executed manually, with cement mortar M 100-T of 2 cm average thickness, for walls from concrete or bricks, with plain surfaces 35%	m2	300.00		
17	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	161.63		
18	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	695.57		
19	CF17C	Miscellaneous - fleece layer of	m2	695.57		

1	2	3	4	5	6	7
		fiberglass applied to the surface of pre-manufactured elements from autoclaved aerated concrete, bonded with glue, including the primer layer				
20	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	695.57		
21	RpCJ35A	Clearing the exterior and interior coating from the sills	m2	102.17		
22	CN54A	Manual application of the quartz ground "BETONOCONTACT" in one layer	m2	102.17		
23	RpCJ06B	Repairing the interior coating, around the cases and casing of the doors and windows, of 2 cm thickness, leveled, executed with cement-lime mortar of type 25 T, with right recesses in between 15 - 25 cm width.	m	340.55		
24	CK18C	Mounting of sticks on aluminum panels	m	340.55		
25	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	102.17		
26	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	102.17		
27	CF51B	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 at art. CF50)	m2	102.17		
28	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	102.17		
29	CN53A	Coating the interior surfaces of the walls and sills	m2	797.74		
30	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually on walls and sills	m2	797.74		
31	CF54C	Plating the walls with gypsum-	m2	42.50		

1	2	3	4	5	6	7
		cardboard tiles, 12.5 mm thick, mounted on the structure of galvanized profile: on curved surfaces, including the door and window sills (padding the ventilation ducts)				
32	CN53A	Coating the internal surfaces of the walls and ceilings	m2	42.50		
33	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	42.50		
34	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	42.50		
35	CN53A	Coating the internal surfaces of the walls and ceilings	m2	42.50		
36	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	42.50		
37	CK22A	French doors from aluminum profile for constructions with height up to 35 m from fixed panels mounted on the parapet.	m2	18.00		
		<i>Total</i>	\$			
		Total Walls Including salary				
		1.3. Flooring				
38	RpCK41C	Dismantling the carpet flooring of PVC coverage on textile support or not, carpet laying, etc.	m2	382.84		
39	RpCK42A	Dismantling the cold flooring from concrete or cement mortar	m2	382.84		
40	CC03C	Assembling sealed meshes at heights lower or equal to 35 m, for plates	kg	1 148.52		
41	CG01A k=2	Supporting layer for flooring executed from cement mortar M 100-T of 6 cm thickness with delicately smoothed surface	m2	382.84		
42	CG17D1	Flooring from ceramic plates, including the support layer from adhesive mortar, executed on surfaces equal to or smaller than 16 m2	m2	138.62		
43	CG18A	Horizontal plinths with maximum height of 15 cm for the walls out of ceramic plates fixed with cement mortar M 100-T, including the cleaning and	m	105.40		

1	2	3	4	5	6	7
		washing with water, in premises with areas wider than 16 m2				
44	CG36B	Laminate floor slabs mounted on dry layer, placing the synthetic layer on existing support, including wood plinths and cleaning, in premises smaller or equal to 16 m2 (class 33 th. 10 mm)	m2	244.22		
		<i>Total</i>	\$			
		Total Flooring Including salary				
		1.4. Internal carpentry				
45	RpCO56A	Dismantling of the wooden carpeting (doors, windows, shutter, rolls, cases, masks, etc.)	m2	42.30		
46	CK03A	Wooden interior doors within one leaf, on coating and balcony doors, including thermal and waterproof casement, assembled on the existing dowels of the constructions with height up to 35 m	m2	42.20		
47	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	18.19		
48	CK25E	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 two leaves, with the surface of the case between 7 and 15 m2 inclusively	m2	13.27		
		<i>Total</i>	\$			
		Total Internal carpentry Including salary				
		1.5. Stair case 1 floor/2 floor				
		1.5.1. Ceilings				
49	RpCJ35A	Clearing the exterior or interior coating from the walls or ceiling (including form under the stairs' ramp)	m2	10.20		
50	CN53A	Coating the internal surfaces of the walls and ceilings	m2	10.20		
51	CK50B	Suspended ceilings made of plasterboard on the site, 9.5 mm thickness, on galvanized profiles	m2	22.70		

1	2	3	4	5	6	7
		structure: flat ceiling surfaces, with holes for the lighting fittings				
52	CF52B	Interior coating of 3 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	22.70		
53	CF53B K=2	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar The plus or minus difference for every 1.0 mm (is extracted at art. CF52) K=2	m2	-22.70		
54	CF52B	Interior coating of 5 mm thickness, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	10.20		
55	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	10.20		
56	CK18C	Mounting of sticks on aluminum panels	m	27.20		
57	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	32.90		
58	CN53A	Coating the internal surfaces of the walls and ceilings	m2	32.90		
59	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	32.90		
		<i>Total</i>	\$			
		Total Ceilings Including salary				
		1.5.2. Walls				
60	RpCJ35A	Clearing the exterior and interior coating from the walls	m2	115.60		
61	CN53A	Coating the interior surfaces of the walls with Betonokontakt	m2	115.60		
62	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	346.80		
63	CF15A	Exterior plastering trowel, executed in cement mortar M 100-T of 2 cm average thickness, for	m2	115.60		

1	2	3	4	5	6	7
		walls from concrete or bricks, with plain surfaces				
64	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	115.60		
65	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	115.60		
66	CF51B	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)	m2	115.60		
67	CF57A k=2	Manual application of the gypsum-based putty "Eurofin" thickness 2.0 mm on the areas of walls, columns, and ceilings K=2	m2	115.60		
68	CN53A	Coating the internal surfaces of the walls and ceilings	m2	115.60		
69	CN06A	Interior painting with paints based on vinyl copolymers in water emulsion, applied in 2 layers on the existing fillings, executed manually.	m2	115.60		
70	CH06A	Current metal mine mounted on 15 cm pylons, spaced at distances of 1 1.2 m provided with welded rings , fixed to a brick wall or concrete parapet, made of steel pipes D=1 1/4" and laminated steel, on the right	m	11.60		
		<i>Total</i>	\$			
		Total Walls Including salary				
		1.5.3. Flooring				
71	CN54A	Manual application of the quartz ground "BETONOCONTACT" in one layer, at the stairs	m2	21.45		
72	RpCL15A	Repairing concrete and mosaic steps on the site, executed roughly and with mosaic made of granulated stone (dosage 600 kg cement per cubic meter of stone mosaic), rubbed, with a 15 mm wear layer (Mosaic and plaster are excluded)	m	27.00		

1	2	3	4	5	6	7
73	CL21A	Protection of the edges of the concrete or autoclaved aerated concrete, with steel angle o walls, pillars, stairs, ramps	m	27.00		
74	CG17D1	Flooring from ceramic plates, including the support layer from adhesive mortar, executed on surfaces equal to or smaller than 16 m2	m2	28.20		
75	CG18A	Horizontal plinths with maximum height of 15 cm for the walls out of ceramic plates fixed with cement mortar M 100-T, including the cleaning and washing with water, in premises with areas wider than 16 m2	m	38.40		
		<i>Total</i>	\$			
		Total Flooring Including salary				
		<i>Total</i>	\$			
		Total Stair case 1 floor/2 floor Including salary				
		<i>Total</i>	\$			
		<i>Social and health insurance</i>	22.5 %			
		<i>Transportation of materials</i>	%			
		<i>Total</i>				
		<i>Overhead costs</i>	%			
		<i>Total</i>				
		<i>Estimate benefit</i>	%			
		<i>Total</i>				
		Total Chapter 1 Repairing works for the premises on the second floor Including salary				
		2. Technical networks				
		2.1. Electricity				
		2.1.1. General constructions works				
76	RpCU05D1	Executing the perforation for the pipes or ties in the walls of bricks of 16 - 25 cm thickness, for executing mechanized perforation	piece	25.00		
77	RpCU05G1	Executing the perforation for the pipes or ties in the walls of bricks of 26 -50 cm thickness, for executing mechanized perforation	piece	20.00		
78	RpEK06A	Removing the light fittings with incandescent bulbs	piece	57.00		
79	RpCU07B	Caulking the holes in the walls with cement-lime mortar, after installations or consolidations	piece	45.00		
		<i>Total</i>	\$			
		Total General constructions works Including salary				
		2.1.2. Mounting works				

1	2	3	4	5	6	7
80	08-02-409-1	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm	100 m	6.22		
81		Thermal - contractable tube d 20mm	m	622.00		
82.	RpED09A	Installing electrical copper cables with PVC insulation, with high resistance to propagation of flames, for pressure of 0.6/1 kV, symbol VVGng, mounted visibly, having the section of 3x1.5 mm ²	m	325.00		
83	RpED09B	Installing electrical copper cables with PVC insulation, with high resistance to propagation of flames, for pressure of 0.6/1 kV, symbol VVGng, mounted visibly, having the section of 3x2.5 mm ²	m	267.00		
84	RpED09D	Installing electrical copper cables with PVC insulation, with high resistance to propagation of flames, for pressure of 0.6/1 kV, symbol VVGng, mounted visibly, having the section of 3x6 mm ²	m	30.00		
85	08-02-412-9	Introducing conductors in laid-down 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	6.22		
86	08-03-573-5	Suspended command box (board), height, width and depth, mm, up to 900x600x500	piece	2.00		
87		Box with automated switchers 16 positions	piece	2.00		
88	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	16.00		
89		automated switcher with 1 pole 25A VA-47	piece	16.00		
90	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	piece	3.00		
91		Automated switcher with 1 pole 25A, VA-47 UZO	piece	3.00		
92	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	0.51		
93		Light fitting LPO 12 4x18	piece	51.00		
94	08-03-594-2	Light fitting with luminescent lamps mounted separately on pillars, quantity of lamps in the	100 pieces	0.18		

1	2	3	4	5	6	7
		light fitting, 2				
95		Light fitting LPO 12 2x18	piece	18.00		
96	RpEF12B	Mounting lamps (bulbs), type: incandescent, fluorescent tubes	piece	240.00		
97	08-03-593-1	Light fitting for incandescent lamps, suspended on hook, for premises with normal environmental conditions	100 pieces	0.24		
98	RpEF12B	Mounting lamps (bulbs), type: incandescent, fluorescent tubes	piece	24.00		
99	RpEF21D	Installing the accessories for lamps: universal starter 4-80 W	piece	240.00		
100	RpEF17A	Assembling signaling lamps - "Exit" indicator	piece	3.00		
101	RpEE14A	Assembling the single-pole switchers – simple switcher type 1	piece	16.00		
102	RpEE15A	Assembling switchers - single-pole switcher 25 A	piece	10.00		
103	RpEE17A	Installing simple bipolar plugs with C.P.	piece	32.00		
104	08-02-420-1	Ramification box	100 pieces	0.34		
105		Extension outlet	piece	70.00		
106		Connector FOREBOX	piece	100.00		
		<i>Total</i>	\$			
		Total Mounting works Including salary				
		<i>Total</i>	\$			
		Total Electricity Including salary				
		2.2. Heating				
107	RpIF01A	Draining the central heating installation so as to perform the repairing works	m2	42.50		
108	RpIB11A	Dismantling the position-based radiators to be liquidated	m2	42.50		
109	RpIB11C	Dismantling the consoles or the supporting devices for liquidation	piece	150.00		
110	RpIC19A	Dismantling the black pipe, for installations, assembled in the central heating installation by welding, in social purpose and dwelling buildings, when linking the distribution devices, columns etc. with a diameter of 3/8" -3/4"	m	62.00		
111	IB06A	Steel radiators, mono-blocks with the length up to 1000 mm inclusively 300x1000	piece	16.00		
112	IB06C	Steel radiators, mono-blocks with the length of 1501 - 2000 mm 300x2000	piece	16.00		
113	ID04A	Passing or retaining tap with	piece	32.00		

1	2	3	4	5	6	7
		sleeves for central heating installations, having the nominal diameter 1/2" -1" Inlet				
114	ID04A	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter 1/2" -1" Return	piece	32.00		
115	ID04A	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter 1/2" -1" Thermostatic head	piece	32.00		
116	RpID07A	Assembling the airing taps with valves, with the mobile key with d=1/4"-3/8"	piece	32.00		
117	IC36E	High density reinforced polyethylene or reinforced or non-reinforced polypropylene pipe, mounted in columns at the central heating installations, with the external diameter of 50.0 mm PPR 50mm	m	32.00		
118	IC36D	High density reinforced polyethylene or reinforced or non-reinforced polypropylene pipe, mounted in columns at the central heating installations, with the external diameter of 40.0 mm. PPR 40 mm	m	56.00		
119	IC36C	High density reinforced polyethylene or reinforced or non-reinforced polypropylene pipe, mounted in columns at the central heating installations, with the external diameter of 32.0 mm. PPR 32 mm	m	55.00		
120	IC35C	High density reinforced polyethylene or reinforced or non-reinforced polypropylene pipe, mounted at the joints of heating devices or bodies, in central heating installations, with the external diameter up to 25.0 mm PPR 25mm	m	76.00		
121	IC35B	High density reinforced polyethylene or reinforced or non-reinforced polypropylene pipe, mounted at the joints of heating devices or bodies, in central heating installations, with the external diameter up to 20.0 mm PPR 20mm	m	95.40		
122	ID04E	Passing or retaining tap with sleeves for central heating	piece	2.00		

1	2	3	4	5	6	7
		installations, having the nominal diameter of 3"				
123	ID04D	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter of 2 1/2"	piece	2.00		
124	ID04B	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter 1 1/4" -1 1/2"	piece	8.00		
125	ID04A	Passing or retaining tap with sleeves for central heating installations, having the nominal diameter 1/2" -1"	piece	16.00		
126	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	162.00		
127.	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	40.00		
128.	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	40.00		
129	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	40.00		
130	IC38E	The fitting piece, with 2 joints, from combined polypropylene through poly-fusion with the pipe from reinforced polypropylene having the exterior diameter of 50,0 mm	piece	20.00		
131	IzL01A	Light insulation executed manually on the route to steel pipes	m2	11.00		
132.	SF05A	Washing up the hot and cold water installation, executed from zincate steel pipes, with the diameter of 3/8"-2"	m	533.00		
133.	IE03A	Performing the leakage test under pressure for the conducts supplying the heating appliances	m	526.00		

1	2	3	4	5	6	7
		(heaters, thermo-convectors, baseboard convectors, etc.) having a diameter of 3/8 " ... 1"				
134.	IB20A	Support elements for the heating bodies, assembled in the brick wall.	piece	128.00		
135.	IC41A	Bracket for fixing the steel pipes for central heating or gas installation, assembled through shooting, the pipe having up to 1" inclusively	piece	126.00		
136.	RpCU05G	Executing the perforation for the pipes or ties in the walls of bricks of 26 -50 cm thickness	piece	27.00		
137.	RpCU05G	Executing the perforation for the pipes or ties in the walls of bricks of 26 -50 cm thickness	piece	80.00		
138.	IC44A	Manufacturing, mounting, and cementing the protection pipe when the pipes go through the walls, the pipe having the diameter 1" -2"	piece	80.00		
139.	ID07A	Spliced condensate thermostatic separator, with sleeves, with nominal diameter of 1/2 "-3/4" Automated de-aerator	piece	12.00		
		<i>Total</i>	\$			
		Total Heating Including salary				
		2.3. Aqueduct sewerage				
140.	RpSA03B	Dismantling the zincate steel pipe, existing inside the building, with a diameter of 1 1/4"-2"	m	42.00		
141.	RpSC05A	Dismantling a pottery washstand, including the accessories	piece	9.00		
142.	RpSC06A	Dismantling a closet reservoir of pottery, completely equipped	piece	9.00		
143.	SA15A	Pipe of plastic material joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 16 mm	m	65.00		
144.	SA15A	Pipe of plastic material joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of 16 mm hot water	m	65.00		
145.	SA15B	Pipe of plastic material joined by poly-fusion welding, in distribution pipes on sanitary sites in dwelling and social-cultural buildings, having the diameter of	m	105.00		

1	2	3	4	5	6	7
		20-25 mm				
146.	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	180.00		
147.	SD07A	The passing tap with valve and plug, with or without discharge, for the steel pipe, with the diameter of 3/8"-1/2"	piece	12.00		
148.	SD07B	The passing tap with valve and plug, with or without discharge, for the steel pipe, with the diameter of 3/4"	piece	3.00		
149.	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	6.00		
150.	SA14J	Pipe of plastic material, combined through poly-fusion welding, in industrial constructions, having the diameter of 110 mm	m	54.00		
151.	SB28A	Flooring siphon from polypropylene, with the exit diameter of 50 mm	piece	2.00		
152.	RpSB14E	Installing the linking piece from plastic for sewerage, combined with rubber case, having a diameter of 110 mm	piece	42.00		
153.	RpSB14C	Installing the linking piece from plastic for sewerage, combined with rubber case, having a diameter of 50 mm	piece	40.00		
154.	SA38A	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through flushing, ducts having the diameter of 1/2"	piece	36.00		
155.	RpSF08A	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	10 m	15.00		
156.	ID02A	Regulating T-bend or sleeve for central heating installations, having the nominal diameter of 3/8" -1/2"	piece	2.00		
157.	RpSC21A	Mounting the sink from sanitary	piece	6.00		

1	2	3	4	5	6	7
		semi-porcelain or porcelain, etc. including for disabled people, with the sewerage pipe of plastic material, mounted on a console on brick walls or autoclaved aerated concrete walls				
158.	RpSC24A	Mounting 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, with the S-type internal siphon	piece	6.00		
159.	RpSC19A	Assembling the shower bath from enameled cast iron, enameled tin, polymetacryl, etc.	piece	2.00		
160.	RpSC22A	Installing the sink from enameled cast iron or antacid stoneware, having the sewerage pipe from plastic, mounted on walls from brick masonry	piece	6.00		
161.	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	6.00		
162.	SD17B	Internal hydrant, for buildings, with diameter 2", mounted on wall (with case and frame)	piece	2.00		
		<i>Total</i>	\$			
		Total Aqueduct Sewerage Including salary				
		2.4. Verification of the ventilation system				
163.	VD01B1	Verification and launch into operation of the ventilation, air-conditioners and climate maintenance installations over 30 m faucet and over 20 special pieces, for old installations	piece	6.00		
164.	RpVA27A	Replacing the right ventilation channels, of black board 0.3 - 2 mm thickness, having the perimeter of the rectangular section of 250 - 700 mm	m2	12.00		
165.	RpVC06A	Installing the directly triggered radial roof ventilators, having the air flow of 4.000 - 10.000 m3/h with electrical engine of 1,5 kw	piece	2.00		
166.	RpVC01A	Assembling the centrifuge-type ventilators with total weight 50-400 kg, assembled on concrete	piece	2.00		

1	2	3	4	5	6	7
		foundation				
167.	RpEA04A	Mounting the protective pipes fitting the non-plasticized PVC pipe, light type (L), having up to 63 mm diameter, mounted visibly on the dowels, consoles, and metal brackets.	m	60.00		
168.	RpED09B	Installing electrical copper cables with PVC insulation, with high resistance to propagation of flames, for pressure of 0,6/1 kV, symbol CYYF, mounted apparently, having the section of 3x16-3x25 mm2	m	60.00		
		<i>Total</i>	\$			
		Total Verification of the ventilation system Including salary				
		<i>Total</i>	\$			
		<i>Social and health insurance</i>	22.5 %			
		<i>Transportation of materials</i>	%			
		<i>Supply - Storage expenses</i>	%			
		<i>Total</i>				
		<i>Overhead costs</i>	%			
		<i>Total</i>				
		<i>Estimate benefit</i>	%			
		<i>Total</i>				
		Total Technical networks Including salary				

		Total	\$	
		Total estimates: Including salary		

Compiled

(position, signature, name, surname)

Verified

(position, signature, name, surname)