

**Reconstruction and modernisation of the ‘Ion
Creanga’ Secondary School, plot no.
9201110.378, with the addition of ancillary
buildings, located in the municipality of
Ungheni, 151 Stefan cel Mare si Sfint Street**

(name of the project)

Form No. 7
WinCmeta

LOCAL QUOTATION No. 2-2-2 R

Construction elements. Blocks B, B" (2510-1-C)

Prepared at current prices:

No. No.	Standard symbol and resource code	Works and expenses	Unit of measureme nt	Quantity as per project data	Estimated value, lei	
					Per unit of measure	Total
1	2	3	4	5	6	7
		1. Annex – changing room. Block B (2510-2-C) 1.1. Earthworks				
1	TsA02F	Manual excavation of soil in confined spaces, 1.00 m wide, carried out without shoring, with a vertical slope, at foundations, in firm ground, depth < 1.5 m (axis A/2 on axes 1/2, 2/2, 3/2, 4/2, 5/2)	m ³	8.38		
2	TsC60B	Mechanical earthworks on site using a ‘dragline’ or ‘reverse bucket’ excavator with a bucket capacity of 0.15 m ³ for repair, reconstruction or restoration works: Category 2 land	100 m ³	0.46		
3	TsC61B	Mechanical earthworks using a backhoe loader with a bucket capacity of 0.15 m ³ , with discharge into a tipper lorry, for repair, reconstruction or restoration works: Category 2 land	100 m ³	0.37		
4	TsI51A5	Transport of soil by a 10-tonne tipper lorry over a distance of: 5 km	t	61.05		
5	TsC51B	Work involved in unloading soil at the tip, Category II land	100 m ³	0.37		
6	supplier price	Cost of sandy clay for the earth cushion	m ³	21.00		
7	TsD02A1	Spreading of screened soil from Category I or II land, carried out using a tractor-mounted bulldozer with a 65–80 CP crawler track, in layers 15–20 cm thick	100 m ³	0.21		
8	TsD08B1	Mechanical compaction of fill using a self-propelled static tyre-mounted roller of 10.1–16 t, in successive layers 15–25 cm thick after	100 m ³	0.21		

1	2	3	4	5	6	7
		compaction, excluding the wetting of pcs individual layer; the fill is carried out using cohesive soil . Soil skeleton density > 1.70 tn/m ³				
9	TsD14A01	Mechanical wetting of soil layers using a 5–8 t water tanker fitted with a sprinkler system, to achieve the moisture content required for mechanical compaction, as well as for watering surfaces for other purposes	m ³	2.10		
10	TsD02A1	Spreading of screened soil from Category I or II sites, carried out using a tractor-mounted bulldozer with a 65–80 CP crawler track, in layers 15–20 cm thick	100 m ³	0.54		
11	TsD04B	Compaction using a mine tamper of backfill in horizontal or 1/4-inclined excavations, including the wetting of pcs individual layer of soil, with a 10 cm thick layer of cohesive soil	m ³	2.00		
12	TsD05B	Compaction using a 150–200 kg mechanical rammer of backfill in successive layers 20–30 cm thick, excluding the wetting of pcs individual layer, the backfill being made of cohesive soil. Soil bulk density > 1.70 tn/m ³	100 m ³	0.52		
13	TsD14A01	Mechanical watering of the soil layers using a 5–8-tonne water tanker fitted with a sprinkler system, to ensure the moisture content required for mechanical compaction, as well as for watering surfaces for other purposes	m ³	5.20		
		<i>Total</i>	lei			
		Total earthworks Including wages				
		1.2. Concrete works up to level - 0.100				
14	CB02A	Formwork made from reusable panels, with formwork struts made from short and extra-short softwood planks for casting concrete in footings, pile caps and equipment foundations, including shoring	m ²	4.90		
15	CA02C	Plain concrete poured for levelling, slopes and screeds, using conventional methods, ready-mixed concrete, class C8/10 Fine aggregate (softwood chips) = 1.0100	m ³	2.20		
16	CB03B	Formwork made from reusable panels, with 15 mm plywood for	m ²	41.00		

1	2	3	4	5	6	7
		casting concrete in vertical sections, straight walls up to and including 6 m in height, with supports included				
17	CC01C	A240 reinforcing steel, cut to size on site and installed, with bar diameters up to and including 8 mm in isolated foundations	kg	5.28		
18	CC01D1	A500C reinforcing steel bars cut on site and installed, with bar diameters of 8 mm and above, in isolated foundations	kg	92.00		
19	CC01E	A240 concrete reinforcement bars, cut to size on site and installed, with bar diameters up to and including 8 mm, in continuous foundations and raft foundations	kg	157.52		
20	CC01F1	A400 concrete reinforcement bars, cut on site and installed, with bar diameters of 8 mm and above, in continuous foundations and raft foundations	kg	457.71		
21	CC13H	Electric welding of reinforced concrete steel bars on a workbench, for monolithic reinforced concrete, carried out using a splice and butt welding, for bars with a diameter of 18–28 mm	pcs	40.00		
22	bidder's price	Welding plate with a hole with chamfered edges, made from SM EN 10058:2019 sheet metal, dimensions 80 x 80 mm, thickness 16 mm (0.81 kg/piece)	pc	40.00		
23	CA03G	Reinforced concrete cast using conventional methods, in foundations, plinths, retaining walls, walls below ground level, ready-mixed concrete, cast using conventional methods, concrete grade C16/20 XC1 Small-sized materials (softwood planks, nails, staples) = 1.0150	m ³	6.75		
24	CA03F	Plain concrete cast using conventional methods, in foundations, plinths, retaining walls, walls below ground level, ready-mixed concrete, cast using conventional methods, plain concrete class C16/20 XC2 Small-sized material (softwood offcuts, nails, staples) = 1.0150	m ³	6.62		
25	IzF50A	Waterproofing carried out using cement mortar with soluble glass on foundations and walls, applied to horizontal surfaces	m ²	7.50		

1	2	3	4	5	6	7
		<i>Total</i>	lei			
		Total concrete works up to level - 0.100 Including wages				
		1.3. Concrete works above level - 0.100				
26	CB03F	Formwork made from reusable panels, with 15 mm plywood, for casting concrete in columns in buildings up to and including 20 m in height, excluding supports	m ²	35.04		
27	IzF53A	Construction of the floor screed, in a single layer, using XPS polystyrene boards with a smooth finish, compressive strength 150 kPa, thickness 50 mm (node 3) Small items (metal bars D = 6–8 mm, length 400 mm) = 1.0150	m ²	0.52		
28	CB03E	Reusable panel formwork, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	95.63		
29	CB11A	Supports with extendable standard props, used for the installation of precast slabs and precast floor panels, for the casting of partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R	pcs	205.00		
30	CC02K	A240 concrete reinforcement bars cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	208.48		
31	CC02L2	A400 reinforcing steel for concrete, cut on site, with bar diameters greater than 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	1,065.66		
32	CC13E	Bench-welded splicing of reinforced concrete steel bars for monolithic reinforced concrete, carried out using 2 splice plates, for bars with a diameter of 18–28 mm	pcs	40.00		
33	CC13H	Electric bench welding of reinforced concrete steel bars, for reinforced monolithic concrete, carried out using one splice and butt welding, for bars with a diameter of 18–28 mm	pcs	40.00		

1	2	3	4	5	6	7
34	bidder's price	Welding plate with a hole with chamfered edges, made from SM EN 10058:2019 sheet metal, dimensions 80 x 80 mm, thickness 16 mm (0.81 kg/piece)	pcs	40.00		
35	CC02M	A240 reinforcing steel bars cut to size on site, with bar diameters of up to 8 mm, and installed in panels, at heights of 35 m or less, excluding structures built using sliding formwork	kg	48.72		
36	CC02M2	A400 reinforcing steel for concrete, cut on site, with bar diameters up to and including 8 mm, and laid in slabs, at heights of 35 m or less, excluding structures built using sliding formwork	kg	474.47		
37	CA04F	Concrete cast in slabs, beams and columns; C16/20 XC1 grade concrete and casting using conventional methods Small items (softwood boards, nails, staples) = 1.0300	m ³	15.10		
		<i>Total</i>	lei			
		Total goals scored above the -0.100 line Including wages				
		1.4. Bricklaying				
38	CB03F	Formwork made from reusable panels, with 15 mm plywood, for casting concrete in columns for buildings up to and including 20 m in height, excluding supports	m ²	3.90		
39	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns, for structures of a height less than or equal to 35 m, excluding structures constructed using sliding formwork	kg	41.28		
40	CC02L2	A400 reinforcing steel bars cut on site, with bar diameters greater than 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	47.16		
41	CA04F	Concrete cast in slabs, beams and columns; C16/20 XC1 grade ready-mixed concrete and casting using conventional methods Small items (softwood boards, nails, staples) = 1.0300	m ³	0.60		
42	IzF20D	Sealing of expansion and settlement joints in floors, walls and reinforced	m	42.10		

1	2	3	4	5	6	7
		concrete structures, by partially filling the voids, either outwards or inwards, with 30 mm thick mineral wool boards, fixed with acrylic sealant				
43	CD75A	Bricklaying of external and internal load-bearing walls using 290 mm thick ceramic blocks, using a dry-mix mortar, storey height up to 4 m	m ³	13.35		
44	CC03A	Installation of welded mesh at heights of 35 m or less, on walls and diaphragms, with mesh weights of up to 3 kg/m ²	kg	27.30		
		<i>Total</i>	lei			
		Total Bricklaying Including wages				
		<i>Total</i>	lei			
		Total Annex – changing room. Block B" (2510-2-C) Including wages				
		2. Lift construction 2.1. Sheet piling				
45	TsC61B	Mechanical earthworks using an excavator with a ‘reverse bucket’ (, bucket volume 0.15 m ³), with discharge into a tipper lorry, for repair, reconstruction or restoration works: Category 2 land	100 m ³	0.04		
46	TsI51A5	Transport of earth by a 10-tonne tipper lorry over a distance of: 5 km	t	6.60		
47	TsC51B	Work involved in unloading soil at the tip, Category II land	100 m ³	0.04		
48	CQ05C applicative	Specification for precast reinforced concrete piles with a solid cross-section, driven into the ground without an extension, with a cross-sectional side width l less than or equal to 35 cm, for the foundations of structures on Category II ground, using a crawler excavator with a pile driver	m	98.70		
49	bidder's price	Pipe D=273 mm, wall thickness 6.0 mm in accordance with SM EN 10249-1:2010 (21 pieces x 4.7 m)	pcs	21.00		
50	CL10A	Metal bars and structures for supporting process machinery or metal platforms for servicing large units, supplied as ready-made sub-assemblies, up to a height of 35 m, weighing up to 0.150 t, assembled with bolts	t	0.265		

1	2	3	4	5	6	7
		<i>Total</i>	lei			
		Total Palplanse Including wages				
		2.2. Earthworks				
51	TsC60B	Mechanical excavation of earth at the site using a 'dragline' or 'reverse bucket' excavator with a bucket capacity of 0.15 m ³ for repair, reconstruction or restoration works: Category 2 land	100 m ³	0.48		
52	TsC61B	Mechanical earthworks using an excavator with an 'inverted bucket' with a bucket capacity of 0.15 m ³ , with discharge into a tipper lorry, for repair, reconstruction or restoration works: Category 2 land	100 m ³	0.52		
53	TsI51A5	Transport of soil by a 10-tonne tipper lorry over a distance of: 5 km	t	85.80		
54	TsC51B	Work involved in unloading soil at the tip, Category II land	100 m ³	0.52		
55	supplier price	Cost of sandy clay for the earth cushion	m ³	25.00		
56	TsD02A1	Spreading of screened soil from Category I or II land, carried out using a tractor-mounted bulldozer with a 65–80 CP crawler track, in layers 15–20 cm thick	100 m ³	0.25		
57	TsD08B1	Mechanical compaction of backfill using a self-propelled static tyre-mounted roller of 10.1–16 t, in successive layers 15–25 cm thick after compaction, excluding the wetting of pcs individual layer; the backfill is carried out using cohesive soil. Soil skeleton density > 1.70 tn/m ³	100 m ³	0.25		
58	TsD14A01	Mechanical wetting of soil layers using a 5–8 t water tanker fitted with a sprinkler system, to achieve the moisture content required for mechanical compaction, as well as for watering surfaces for other purposes	m ³	2.50		
59	RpCP44A	Dismantling of metal structures with material recovery comprises: Cutting of structural steel pipes using an oxy-acetylene torch; Dismantling of pipes with a diameter of 273 mm and a wall thickness of 6.0 mm in accordance with SM EN 10249-1:2010 (21 pieces × 0.465 m) Miscellaneous materials (grease, petrol, rags, etc.) = 1.0500	kg	651.00		

1	2	3	4	5	6	7
60	TsD02A1	Spreading of screened soil from Category I or II land, carried out using a bulldozer attached to a 65–80 CP tracked tractor, in layers 15–20 cm thick	100 m ³	0.48		
61	TsD04B	Compaction using a mine tamper of backfill in horizontal or 1/4-inclined excavations, including the wetting of pcs individual layer of soil, with a 10 cm thick layer of cohesive soil	m ³	2.00		
62	TsD05B	Compaction using a 150–200 kg mechanical rammer of backfill in successive layers 20–30 cm thick, excluding the wetting of pcs individual layer, the backfill being made of cohesive soil. Soil bulk density > 1.70 tn/m ³	100 m ³	0.46		
63	TsD14A01	Mechanical watering of soil layers using a 5–8-tonne water tanker fitted with a sprinkler system, to ensure the moisture content required for mechanical compaction, as well as for watering surfaces for other purposes	m ³	4.60		
		<i>Total</i>	lei			
		Total earthworks Including wages				
		2.3. Concrete works up to level - 0.100				
64	CB02A	Formwork made from reusable panels, with formwork struts made from short and extra-short softwood planks for casting concrete in footings, cup foundations and machinery foundations, including shoring	m ²	2.24		
65	CA02C	Plain concrete cast for levelling, slopes and screeds, cast using conventional methods, ready-mixed concrete, class C8/10 Fine aggregate (softwood chips) = 1.0100	m ³	1.50		
66	CB03B	Formwork made from reusable panels, with 15 mm plywood for casting concrete in vertical sections, straight walls up to and including 6 m in height, with supports included	m ²	72.60		
67	CC01E	A240 reinforcing steel, cut to size on site and installed, with bar diameters up to and including 8 mm, in continuous foundations and raft foundations	kg	161.86		
68	CC01E1	A400 concrete steel reinforcement bars, cut to size on site and installed,	kg	7.19		

1	2	3	4	5	6	7
		with bar diameters up to and including 8 mm, in continuous foundations and raft foundations				
69	CC01F1	A400 reinforcing steel bars cut on site and installed, with bar diameters of 8 mm and above, in continuous foundations and raft foundations	kg	1,147.80		
70	CL57B	Installation and fixing of components embedded in monolithic reinforced concrete: Pi-1 Small items and installation materials (grease, rags, petrol, etc.) = 1.0100	kg	53.72		
71	CL57B	Installation and fixing of components embedded in monolithic reinforced concrete: Pi-2 Small items and installation materials (grease, rags, petrol, etc.) = 1.0100	kg	127.92		
72	CL57B	Installation and fixing of components embedded in monolithic reinforced concrete: Pi-3 Small items and installation materials (grease, rags, petrol, etc.) = 1.0100	kg	48.68		
73	CA03F	Plain concrete cast using conventional methods, in foundations, plinths, retaining walls, walls below ground level, ready-mixed concrete, cast using conventional methods, plain concrete class C20/25 XC4+XC1 Small debris (softwood offcuts, nails, staples) = 1.0150	m ³	15.20		
74	IzF01B applicative	Waterproofing of horizontal, sloping or vertical surfaces using bituminous mastic for foundations in 2 layers Labour coefficient = 2.0000 Materials coefficient = 2.0000 Equipment coefficient = 2.0000	m ²	29.00		
		<i>Total</i>	lei			
		Total concrete works up to level - 0.100 Including wages				
		2.4. Steelwork				
75	CL10C	Parapets, walkways, landings, bracing, lattice panels, bars and steel structures supporting process equipment or steel platforms for servicing large units, supplied as prefabricated sub-assemblies, at heights up to 35 m, weighing up to 0.150 t, assembled by welding	t	5.215		
76	IzD05B	Manual priming with one coat of GF-021 primer on metal structures associated with process machinery (brackets, supports, tie rods, cantilevers, platforms)	t	5.215		

1	2	3	4	5	6	7
77	IzD10C	Anti-corrosive painting using a mineral-based brush on metal structures and assemblies with one coat of GF-021 primer and two coats of PF-115 enamel, for metal structures and assemblies made from profiles with thicknesses up to and including 7 mm	t	5.215		
		<i>Total</i>	lei			
		Total Metal Structures Including wages				
		<i>Total</i>	lei			
		Total Lift construction Including wages				
		3. Reinforcement of internal masonry 3.1. Type Bm-5 (1 unit)				
78	CB03E	Formwork made from reusable panels, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	0.67		
79	CB11A	Supports with extendable standard props, used for the installation of precast slabs and precast floor panels, for the casting of partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R	pcs	2.00		
80	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	1.20		
81	CC02L2	A400 reinforcing steel bars cut to size on site, with a bar diameter exceeding 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	4.84		
82	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.03		
		<i>Total</i>	lei			
		Total type Bm-5 (1 unit) Including salary				
		3.2. Type Bm-6 (1 unit)				
83	CB03E	Reusable panel formwork, with 15 mm plywood, for casting concrete	m ²	0.62		

1	2	3	4	5	6	7
		slabs and beams in structures up to and including 20 m in height, excluding supports				
84	CB11A	Supports with extendable standard props, used for the installation of precast slabs and precast floor panels, for the casting of partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R	pcs	2.00		
85	CC02K	A240 reinforcing steel bars cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	1.20		
86	CC02L2	A400 concrete reinforcement bars cut on site, with bar diameters exceeding 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	4.48		
87	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.03		
		<i>Total</i>	lei			
		Total type Bm-6 (1 unit) Including salary				
		3.3. Type Bm-7 (2 units)				
88	CB03E	Reusable panel formwork, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	1.44		
89	CB11A	Supports with extendable legs from stock, used for installing precast slabs and precast floor panels, when casting partially or fully monolithic floor slabs with beams, or for monolithic beams with PE 3100 R type precast floor slabs	pcs	4.00		
90	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	2.70		
91	CC02L2	A400 concrete reinforcement bars cut on site, with bar diameters exceeding 8 mm, and installed in beams and columns, at heights of 35 m or less, excluding structures built using sliding formwork	kg	11.76		

1	2	3	4	5	6	7
92	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.08		
		<i>Total</i>	lei			
		Total type Bm-7 (2 units) Including salary				
		3.4. Type Bm-10 (1 unit)				
93	CB03E	Reusable panel formwork, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	0.79		
94	CB11A	Supports with extendable standard props, used for the installation of precast slabs and precast floor panels, for the casting of partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R	pcs	2.00		
95	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	1.68		
96	CC02L2	A400 concrete reinforcement bars cut on site, with bar diameters greater than 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	4.84		
97	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete, class C16/20 XF1 Small-sized materials (softwood boards, nails, staples) = 1.0300	m ³	0.03		
		<i>Total</i>	lei			
		Total type Bm-10 (1 unit) Including salary				
		3.5. Type Bmg-2 (1 unit)				
98	RpCG29C	Precise manual demolition of brick masonry walls	m ³	0.34		
99	CB03E	Formwork made from reusable panels, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	0.85		
100	CB11A	Supports with extendable props from stock, used for the installation of	pcs	2.00		

1	2	3	4	5	6	7
		precast slabs and precast floor panels, when casting partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R				
101	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	3.15		
102	CC02L2	A400 reinforcing steel bars cut to size on site, with a bar diameter exceeding 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	5.20		
103	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.08		
104	CD65J	Repair of brickwork, 250 x 120 x 65 mm bricks, for infilling building frames, with manual preparation of M-25 mortar, storey height up to 4 m (Labour and plant coefficient K = 1.2) Labour coefficient = 1.2000 Equipment coefficient = 1.2000	m ³	0.34		
		<i>Total</i>	lei			
		Total type Bmg-2 (1 unit) Including salary				
		3.6. Type Bmg-4 (1 unit)				
105	RpCG29C	Precise manual demolition of brick masonry walls	m ³	0.48		
106	CB03E	Formwork made from reusable panels, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	1.24		
107	CB11A	Supports with extendable standard props, used for the installation of precast slabs and precast floor panels, for the casting of partially or fully monolithic floor slabs with beams, or for monolithic beams with precast floor slabs of type PE 3100 R	pcs	4.00		
108	CC02K	A240 concrete reinforcement bars, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	4.41		

1	2	3	4	5	6	7
109	CC02L2	A400 concrete reinforcement bars cut on site, with bar diameters exceeding 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	7.32		
110	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.08		
111	CD65J	Repair of brickwork, 250 x 120 x 65 mm bricks, for infilling frames, with manual preparation of M-25 mortar, storey height up to 4 m (Labour and plant coefficient K = 1.2) Labour coefficient = 1.2000 Equipment coefficient = 1.2000	m ³	0.48		
		<i>Total</i>	lei			
		Total for type Bmg-4 (1 item) Including salary				
		3.7. Sm4 type (2 units)				
112	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=160 mm, K=1.44 Labour coefficient = 1.4400 Materials coefficient = 1.4400 Equipment coefficient = 1.4400	pcs	12.00		
113	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, filling of technological and installation voids in precast elements, including surface finishing	pcs	12.00		
114	CB03E	Formwork made from reusable panels, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	2.96		
115	CC02K	A240 reinforcing steel, cut to size on site, with bar diameters up to and including 8 mm, and installed in beams and columns	kg	7.20		
116	CC02L2	A400 concrete reinforcement bars cut on site, with bar diameters greater than 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	18.64		
117	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete	m ³	0.24		

1	2	3	4	5	6	7
		mixer and poured using conventional methods; reinforced concrete, class C16/20 XF1 Small-sized materials (softwood boards, nails, staples) = 1.0300				
		<i>Total</i>	lei			
		Total type Sm4 (2 units) Including salary				
		3.8. Cg1 type (2 items)				
118	RpCU06D1	Excavation of grooves up to 5 cm deep in 5 x 100 cm ² brickwork walls, for mechanised execution	m	7.60		
119	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	12.00		
120	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or grouting of joints at heights of up to 35 m, filling of technological and installation voids in precast elements, including surface finishing	pcs	12.00		
121	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	118.00		
122	IzD10C	Anti-corrosive painting by hand brush of metal fabrications and structures with one coat of GF-021 primer and two coats of PF-115 enamel, for metal fabrications and structures made from profiles up to and including 7 mm thick	t	0.118		
		<i>Total</i>	lei			
		Total type Cg1 (2 items) Including salary				
		3.9. Type Cg3 (3 items)				
123	RpCU06D1	Excavation of grooves up to 5 cm deep in 5 x 100 cm ² brickwork walls, for mechanised execution	m	8.40		
124	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	15.00		
125	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, filling of technological and	pcs	15.00		

1	2	3	4	5	6	7
		installation voids in precast elements, including surface finishing				
126	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	130.35		
127	IzD10C	Anti-corrosive painting by hand with a brush of metal fabrications and structures, comprising one coat of GF-021 primer and two coats of PF-115 enamel, and the of metal fabrications and structures made from profiles up to and including 7 mm thick	t	0.131		
		<i>Total</i>	lei			
		Total type Cg3 (3 items) Including salary				
		3.10. Type Cg4 (14 items)				
128	RpCU06D1	Excavation of grooves up to 5 cm deep in 5 x 100 cm ² brickwork walls, for mechanised execution	m	42.00		
129	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	70.00		
130	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, filling of construction and set voids in precast elements, including surface finishing	pcs	70.00		
131	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	656.04		
132	IzD10C	Anti-corrosive painting by hand with a brush of metal structures and fabrications, comprising one coat of GF-021 primer and two coats of PF-115 enamel, for metal structures and fabrications made from profiles with thicknesses up to and including 7 mm	t	0.656		
		<i>Total</i>	lei			
		Total type Cg4 (14 items) Including salary				
		3.11. Type Cg6 (1 item)				
133	RpCU06D1	Excavation of grooves up to 5 cm deep in 5 x 100 cm ² brickwork walls, for mechanised execution	m	3.20		
134	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core	pcs	5.00		

1	2	3	4	5	6	7
		drill with a diameter of: 20 mm, L=250 mm, K=2.25 Labour coefficient = 2.2500 Materials coefficient = 2.2500 Equipment coefficient = 2.2500				
135	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, filling of technological and set voids in precast elements, including surface finishing	pcs	5.00		
136	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	51.93		
137	IzD10C	Anti-corrosive painting by hand brush of metal structures and fabrications with one coat of GF-021 primer and two coats of PF-115 enamel, for metal structures and fabrications made from sections up to and including 7 mm thick	t	0.052		
		<i>Total</i>	lei			
		Total type Cg6 (1 item) Including salary				
		3.12. Type Cg7 (1 item)				
138	RpCU06D1	Excavation of grooves up to 5 cm deep in 5 x 100 cm ² brickwork walls, for mechanised execution	m	3.80		
139	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=250 mm, K=2.25 Labour coefficient = 2.2500 Materials coefficient = 2.2500 Equipment coefficient = 2.2500	pcs	6.00		
140	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, filling of construction and set voids in precast elements, including surface finishing	pcs	6.00		
141	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	61.60		
142	IzD10C	Anti-corrosive painting by hand brush of metal fabrications and structures with one coat of GF-021 primer and two coats of PF-115 enamel, for metal fabrications and structures made from profiles up to and including 7 mm thick	t	0.062		
		<i>Total</i>	lei			
		Total type Cg7 (1 item) Including salary				

1	2	3	4	5	6	7
		3.13. Type Bg1 (1 item)				
143	RpCG29A	Careful, localised, manual demolition of 12 cm thick brick masonry walls	m ²	2.00		
144	RpCU02A	Metal cross-beam lintels, installed in masonry, including cutting the cross-beams to size	kg	18.76		
145	IzD10C	Anti-corrosive painting by hand with a brush of metal fabrications and structures, comprising one coat of GF-021 primer and two coats of PF-115 enamel, for metal fabrications and structures, made from profiles with thicknesses up to and including 7 mm	t	0.019		
146	CD60C	Repair of masonry, dimensions 250 x 120 x 65 mm, involving the preparation of M-50 mortar on site for reinforced partition walls with a thickness of half a brick, height up to 4 m (Labour and equipment coefficient K = 1.2) Labour coefficient = 1.2000 Equipment coefficient = 1.2000	100 m ²	0.02		
		<i>Total</i>	lei			
		Total type Bg1 (1 unit) Including salary				
		3.14. Detail A				
147	CC03C	Installation of welded steel mesh for concrete, d=5.0 mm, mesh size 100x100 mm, on slabs	kg	648.25		
148	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete, class C12/15 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	17.27		
		<i>Total</i>	lei			
		Total Detail A Including salary				
		3.15. Breakdown B				
149	TsA02B	Manual excavation of soil in confined spaces, less than 1.00 m wide, carried out without shoring, depth < 0.75 m, medium-grade soil	m ³	0.55		
150	CC01E	A240 reinforcing steel bars, cut to size on site and installed in continuous foundations and raft foundations, with bar diameters up to and including 8 mm	kg	91.37		
151	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional	m ³	2.70		

1	2	3	4	5	6	7
		methods; reinforced concrete class C12/15 XF1 Small items (softwood boards, nails, staples) = 1.0300				
		<i>Total</i>	lei			
		Total Detail B Including salary				
		3.16. Detail C				
152	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill () with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	152.00		
153	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or grouting of joints at heights of up to 35 m, filling of technological al and installation voids in prefabricated elements, including the finishing of surfaces	pcs	152.00		
154	CC02H2	A400 reinforced concrete steel bars, cut to size on site, with a bar diameter exceeding 8 mm, for special structures	kg	28.88		
		<i>Total</i>	lei			
		Total Detail C Including salary				
		3.17. Details D, E				
155	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill () with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	450.00		
156	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or grouting of joints at heights of up to 35 m, filling of technological and set voids in precast elements, including surface finishing	pcs	450.00		
157	CC02H2	A400 reinforcing steel bars cut to size on site, with a bar diameter exceeding 8 mm, for special structures	kg	85.50		
158	CC03A	Installation of welded reinforced concrete mesh, d=4.0 mm, mesh size 100x100 mm, on walls	kg	38.06		
		<i>Total</i>	lei			
		Total Details D, E Including salary				
		3.18. Detail F				

1	2	3	4	5	6	7
159	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill () with a diameter of: 20 mm, L=120 mm, K=1.08 Labour coefficient = 1.0800 Materials coefficient = 1.0800 Equipment coefficient = 1.0800	pcs	170.00		
160	CP21A	Applicative of M 100-T mortar for bonding, monolithisation or grouting of joints at heights of up to 35 m, filling of construction and set voids in precast elements, including surface finishing	pcs	170.00		
161	CL57A	Installation and fixing of components embedded in monolithic reinforced concrete: wall reinforcement brackets Small items and installation materials (grease, rags, petrol, etc.) = 1.0100	kg	101.70		
162	IzD10C	Anti-corrosive painting by hand with a brush of metal structures and fabrications, applying one coat of GF-021 primer and two coats of PF-115 enamel, to metal structures and fabrications, made from profiles with thicknesses up to and including 7 mm	t	0.102		
		<i>Total</i>	lei			
		Total Detail F Including salary				
		3.19. Detail K				
163	CB03E	Reusable panel formwork, with 15 mm plywood, for casting concrete slabs and beams in structures up to and including 20 m in height, excluding supports	m ²	0.90		
164	CC02L2	A400 reinforcing steel bars cut to size on site, with a bar diameter exceeding 8 mm, and installed in beams and columns at heights of 35 m or less, excluding structures built using sliding formwork	kg	4.18		
165	CA04E3	Concrete cast into slabs, beams and columns, mixed using a concrete mixer and poured using conventional methods; reinforced concrete class C16/20 XF1 Small items (softwood boards, nails, staples) = 1.0300	m ³	0.03		
		<i>Total</i>	lei			
		Total Detail K Including salary				
		<i>Total</i>	lei			
		Total Interior masonry reinforcement Including wages				

1	2	3	4	5	6	7
		5. Support frames for ventilation equipment				
181	RpCE40B	Removal of thermal insulation, including protective layers and backing layers Small items (rags, brooms, etc.) = 1.2000	m ²	38.00		
182	RCsB29A	Drilling through-holes in brick and stone masonry using a diamond core drill with a diameter of: 20 mm, L=230 mm, K=2.07 Labour coefficient = 2.0700 Materials coefficient = 2.0700 Equipment coefficient = 2.0700	pcs	20.00		
183	CF17D	Chemical anchors for fixing embedded reinforcement	litres	1.00		
184	CK35A	Anchor rod with washer and M12 nut, L=250 mm	pcs	20.00		
185	CP21B	Applicative of M 100-T mortar for bonding, monolithisation or joint grouting at heights of up to 35 m, bonding or monolithisation between precast concrete elements	m ³	0.02		
186	CL26A	Ready-made metal frames for ventilation equipment mounting frames	kg	956.00		
187	IzD10C	Anti-corrosive painting by hand with a brush of metal structures and fabrications, comprising one coat of GF-021 primer and two coats of PF-115 enamel, for metal structures and fabrications made from profiles with thicknesses up to and including 7 mm	t	0.956		
188	IzF53A	Manual installation of the floor substrate with a thermal insulation layer of mineral wool boards, with a thermal conductivity of 0.038 W/m*K, compressive strength of 70 kPa, density of 170 kg/m ³ , and thickness of 100 mm Small components (metal bars D = 6–8 mm, length 400 mm) = 1.0150	m ²	38.00		
189	IzF53A	Manual installation of the floor screed with a thermal insulation layer of mineral wool boards, with a thermal conductivity of 0.038 W/m*K, compressive strength of 70 kPa, density of 170 kg/m ³ , thickness 100 mm Small items (metal bars D = 6–8 mm, length 400 mm) = 1.0150	m ²	38.00		
190	IzF04J1	Waterproofing layer applied to floors using technical-grade polyethylene film, 100 mk, laid in a single layer, with unsealed overlaps	m ²	38.00		

1	2	3	4	5	6	7
191	RpCK01B	Repair of the floor substrate made of 3 cm thick M 100-T cement mortar with a finely trowelled finish	m ²	38.00		
		<i>Total</i>	lei			
		Total Ventilation equipment mounting frames Including salary				
		Total	lei			
		Social insurance	24 %			
		Transport costs	%			
		Procurement and warehousing	%			
		Total				
		Overhead costs	%			
		Total				
		Budget surplus	%			
		Total estimate: Including salary				

Prepared by

(position, signature, surname, first name)

Verified

(position, signature, surname, first name)