

**Reconstruction of the terminal
building of “Eugen Doga”
International Airport - Chisinau
(cadastral no. 0100120.236.01),
including partial replanning of
internal spaces and building extension**

Form No. 1B

Object No.

(name of the facility)

WinEstimate

**Cost Estimate-Offer No. 2-3-1
BLOCK 1C Phase 4
Reinforced Concrete Structures (RC section)**
(name of works)

Coefficient for basic wages = 1,150

Coefficient for cost of machine operation = 1,150

No.	Norm symbol and resource code	Description of works	Unit of measure (U.M.)	Quantity according to the design data
1	2	3	4	5
		1. Demolitions		
1	RCsB28G	Demolition of old reinforced concrete by mechanical means / dismantling of reinforced concrete grillage and beams	m ³	50,00
	7123010010200	Concrete worker	man-hours	230,00
	9310060019920	Worker servicing ST	man-hours	117,875
	4100116202818	Water for mortars and concrete	m ³	2,50
	2912340002509	Mobile low-pressure air compressor, capacity 4.0–5.9 m ³ /min	machine-hours	20,125
	2952270003380	Pneumatic hammer 8–15 kg	machine-hours	20,125
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	11,50
2	RCsP44B	Dismantling of steel structures without recovery of materials / dismantling of metal beams Small materials (grease, gasoline, rags, etc.) = 1,030	kg	19 917,30
	7214240021800	Mechanical fitter	man-	274,859

1	2	3	4	5
			hours	
	7212030022700	Welder	man-hours	57,262
	9310060019922	Service worker	man-hours	22,905
	2413547308164	Technical calcium carbide (carbide) S102	kg	8,206
	2411115904512	Technical gaseous oxygen S2031	m ³	12,309
	2410520006751	Truck crane, 4.5–9.9 ton-force (TF);	machine-hours	4,581
3	RCsB28G	Demolition of old reinforced concrete by mechanical means / dismantling of reinforced-concrete columns	m ³	8,82
	7123010010200	Concrete worker	man-hours	40,572
	9310060019920	Worker servicing ST	man-hours	20,793
	4100116202818	Water for mortars and concrete	m ³	0,441
	2912340002509	Mobile low-pressure air compressor, capacity 4.0–5.9 m ³ /min	machine-hours	3,55
	2952270003380	Pneumatic hammer 8–15 kg	machine-hours	3,55
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	2,029
4	RCsB28G	Demolition of old reinforced concrete by mechanical means / dismantling of underground service ducts	m ³	130,00
	7123010010200	Concrete worker	man-hours	598,00
	9310060019920	Worker servicing ST	man-hours	306,475
	4100116202818	Water for mortars and concrete	m ³	6,50
	2912340002509	Mobile low-pressure air compressor, capacity 4.0–5.9 m ³ /min	machine-hours	52,325
	2952270003380	Pneumatic hammer 8–15 kg	machine-hours	52,325
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	29,90
5	RCsP44B	Dismantling of steel structures without recovery of materials / dismantling of metal cover plates of service ducts Small materials (grease, gasoline, rags, etc.) = 1,030	kg	801,00
	7214240021800	Mechanical fitter	man-hours	11,054
	7212030022700	Welder	man-hours	2,303
	9310060019922	Service worker	man-hours	0,921
	2413547308164	Technical calcium carbide (carbide) S102	kg	0,33
	2411115904512	Technical gaseous oxygen S2031	m ³	0,495
	2410520006751	Truck crane, 4.5–9.9 ton-force (TF);	machine-hours	0,184
6	TsC03G1	Mechanical excavation with excavator	100 m ³	1,90

1	2	3	4	5
		0.40–0.70 m ³ , with internal combustion engine and hydraulic control, in soil with natural moisture, unloading into vehicles, terrain category III / loading		
	2952260003501	Crawler excavator, single-bucket, with internal combustion engine, 0.40–0.70 m ³	machine-hours	5,681
7	TsI51B5	Transportation of construction debris by 10 tonne dump truck over a distance of 15 kilometres	tonne	474,00
	3410540000007	Dump truck, 10 tonnes	machine-hours	41,428
Total Demolitions				
		2. Foundations		
		2.1. Pile Pm-1 (91 pieces)		
8	CQ23A	Execution of bored reinforced concrete piles in stable soils of Group II using an SBU-type installation, with a diameter up to 500–600 mm, concreting by the Tremie Pipe Method, with a length up to 12 m. Note: Concrete C20/25, Reinforcement cage – 15,224.3 kg Small materials (drilling tool, metal inventory device, water, etc.) = 1,030	m ³	254,80
	9310060019930	Worker	man-hours	3 349,219
	26631021000020	Concrete C20/25	m ³	299,186
	2873155901202	Electrodes E42A, diameter 6 mm	kg	26,244
	2722103305015	Reusable steel tremie pipe set (loading hopper, lifting section, connecting flange), outer diameter 250–325 mm	m	6,299
	2710602000090	Reinforcement cages	kg	15 224,30
	2952270003629	Pile drilling and casting installation coupled to a crawler crane, 25 ton-force (tf)	machine-hours	937,664
	2940420002445	Welding unit with diesel engine, nominal welding current 250–400 A	machine-hours	67,395
	2952270003100	Deep vibrator	machine-hours	208,044
Total Pile Pm-1 (91 pieces)				
		2.2. Monolithic raft slabs		
9	CA02C	Plain concrete cast for leveling layers, slopes and screeds at heights up to 35 m inclusive, prepared by concrete batching plant or ready-mix concrete, placed by	m ³	33,20

1	2	3	4	5
		conventional means, class C8/10 Small materials (softwood planks) = 1,010		
	7123010010200	Concrete worker	man-hours	146,993
	9310060019920	Worker servicing ST	man-hours	24,817
	2663102100000 150	Concrete C8/10	m ³	34,37
	4100116202818	Water for mortars and concrete	m ³	3,353
	2922140007000	Crane	machine-hours	9,545
	2952270003000	Surface vibrator	machine-hours	15,272
10	CA03G	Placing of concrete in reinforced structures of foundations, plinths, retaining walls and walls below zero level, concrete prepared at the ready-mix concrete plant or ready-mix concrete in accordance with CA01, placed by conventional means, reinforced concrete class C20/25 Small materials (softwood planks, nails, staples) = 1,015	m ³	169,10
	7123010010200	Concrete worker	man-hours	777,86
	9310060019920	Worker servicing ST	man-hours	77,786
	2663102100000 20	Concrete C20/25	m ³	175,927
	4100116202818	Water for mortars and concrete	m ³	17,164
	2952270003100	Deep vibrator	machine-hours	116,679
	3410520006752	Truck crane, 6–10 tf	machine-hours	48,616
11	CB02A	Formwork from reusable panels with sheathing of short and very short softwood boards for placing concrete in pads, cup foundations and equipment foundations, including fastenings	m ²	427,00
	9310060019920	Worker servicing ST	man-hours	73,657
	7124010010700 1	Carpenter	man-hours	515,602
	2874125881241	Standard washers M10	kg	2,135
	2874115841033	Standard square nuts M10	pieces	128,10
	2874115825003	Standard square bolts M10 × 140 mm	pieces	128,10
	2875276311528	Steel construction staples	kg	12,81
	2734113803233	Soft black wire, diameter 2.5 mm	kg	21,35
	2873145887000	Conical head nails, type A	kg	34,16
	2020212928347	Formwork panel type P, beech plywood 15 mm	m ²	42,70
	2010102903495	Softwood boards	m ³	1,494
	2010102900900	Softwood round timber	m ³	0,213
	2320187315789	Formwork release agent (Decofrol)	kg	51,24

1	2	3	4	5
12	CC01E	Rebar steel class OB 37, placed in strip foundations and raft beams, fabricated in centralized workshop, bar diameter up to 8 mm inclusive	kg	965,00
	7123020011140	Rebar worker	man-hours	71,024
	9310060019920	Worker servicing ST	man-hours	3,329
	2710602100000	Rebar steel OB 37 ≤ 8 mm	kg	989,125
	2010237318750	Spacers	pieces	144,75
	2734113803881	Soft black steel wire, diameter 1 mm	kg	9,65
13	CC01F1	Rebar steel class PC 52, placed in strip foundations and raft beams, fabricated in site workshop, bar diameter over 8 mm	kg	8 950,60
	7123020011140	Rebar worker	man-hours	555,832
	9310060019920	Worker servicing ST	man-hours	30,88
	2710602200000	Rebar steel PC 52 > 8 mm	kg	9 174,365
	2010237318750	Spacers	pieces	1 342,59
	2734113803881	Soft black steel wire, diameter 1 mm	kg	89,506
14	CL57A	Installation and fixing of embedded parts in monolithic reinforced concrete, weight up to 4 kg / P-14, P-2 Small materials and installation materials (grease, rags, kerosene, etc.) = 1,010	kg	215,90
	7136080025001	Installer	man-hours	52,14
	2811236309900	Metal fabrications	kg	226,781
	2412126100010	Red lead (minium)	kg	4,361
	2873155900311	Electrodes E-42A, diameter 4 mm	kg	2,181
	3110500002401	Welding machine, 28–35 kW	machine-hours	19,863
	2922140006702	Window crane	machine-hours	2,483
Total Monolithic raft slabs				
2.3. Soil transportation				
15	TsC03F1	Mechanical excavation with excavator 0.40–0.70 m ³ , unloading into vehicles, soil with natural moisture, category II (loading of soil from piles)	100 m ³	2,50
	2952260003501	Crawler excavator, single-bucket, with internal combustion engine, 0.40–0.70 m ³	machine-hours	6,469
16	TsI51B5	Transportation of soil by 10 tonne dump truck over a distance of 15 kilometres	tonne	418,00

1	2	3	4	5
	3410540000007	Dump truck, 10 tonnes	machine-hours	36,533
Total Soil transportation				
Total Foundations				
		3. Columns		
		3.1. Monolithic columns Cm-1 (22 pieces)		
17	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	50,60
	7123010010200	Concrete worker	man-hours	254,872
	9310060019920	Worker servicing ST	man-hours	140,238
	266310210000020	Concrete C20/25	m ³	52,902
	4100116202818	Water for mortars and concrete	m ³	6,193
	2952270003101	Poker vibrator	machine-hours	34,914
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	8,728
18	CB03F	Formwork from reusable plywood panels, 15 mm thick, for concreting columns in structures up to 20 m in height inclusive, excluding fastenings	m ²	289,00
	9310060019920	Worker servicing ST	man-hours	83,087
	7124010010700	Carpenter	man-hours	332,35
	2874125881241	Standard washers M10	kg	2,312
	2874115841033	Standard square nuts M10	pieces	14,45
	2874115825003	Standard square bolts M10 × 140 mm	pieces	14,45
	2875276311528	Steel construction staples	kg	14,45
	2873145887000	Conical head nails, type A	kg	11,56
	2030122928385	Formwork panel with 15 mm plywood	m ²	43,35
	2010102904340	Softwood planks	m ³	0,289
	2010102903495	Softwood boards	m ³	0,433
	2320187315789	Formwork release agent (Decofrol)	kg	34,68
	3410520006752	Truck crane, 6–10 tf	machine-hours	6,647
19	RCsD01D	Rebar steel OB 37, diameter up to 8 mm inclusive, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements.	kg	508,64

1	2	3	4	5
		Fabrication of reinforcement for flat slabs, columns, beams, etc.		
	7123020011140	Rebar worker	man-hours	46,795
	9310060019920	Worker servicing ST	man-hours	17,548
	2710602000030	Plain rebar steel OB 37 STAS 438 diameter 6 mm	kg	521,356
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	5,086
	2010237318750	Spacers	pieces	76,296
	2952270004203	Electric rebar cutting machine, for bar diameter up to 40 mm	machine-hours	1,638
	2940340004205	Rebar bending machine	machine-hours	2,047
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	20,473
	2952270006612	Rebar tensioning winch OB	machine-hours	1,462
20	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	3 927,00
	7123020011140	Rebar worker	man-hours	388,38
	9310060019920	Worker servicing ST	man-hours	135,481
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	4 025,175
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	39,27
	2010237318750	Spacers	pieces	589,05
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	158,062
21	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	99,00
	7214240021810	Construction locksmith (metal fitter)	man-hours	21,631
	9310060019920	Worker servicing ST	man-hours	1,138
	7212030022700	Welder	man-hours	1,138
	2775276309886	Metal fabrications embedded in concrete	kg	99,00
	2734113803207	Soft black wire, diameter 2 mm	kg	0,99
	2873155901200	Welding electrodes	kg	0,495
	4011106202741	Electrical energy	kw	0,792
	1010126200341	Forge coal (hard coal)	kg	1,485
22	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead	tonne	0,099

1	2	3	4	5
		and two coats of chlorinated rubber enamel.		
	7141020013400	Industrial painter	man-hours	0,733
	2430116100000	Chlorinated rubber enamel	kg	0,772
	2430226100814	Red lead primer G 355-6	kg	0,386
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,054
	2320166200676	White spirit	kg	0,193
	1711317306661	Cleaning cotton	kg	0,097
23	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	264,00
	7212030022700	Welder	man-hours	166,98
	2873155900800	Welding electrodes	kg	158,40
	4011106202741	Electrical energy	kw	290,40
Total Monolithic columns Cm-1 (22 pieces)				
		3.2. Monolithic columns Cm-2 (12 pieces)		
24	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	27,60
	7123010010200	Concrete worker	man-hours	139,021
	9310060019920	Worker servicing ST	man-hours	76,493
	2663102100000 20	Concrete C20/25	m ³	28,856
	4100116202818	Water for mortars and concrete	m ³	3,378
	2952270003101	Poker vibrator	machine-hours	19,044
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	4,761
25	CB03F	Formwork from reusable plywood panels, 15 mm thick, for concreting columns in structures up to 20 m in height inclusive, excluding fastenings	m ²	158,00
	9310060019920	Worker servicing ST	man-hours	45,425
	7124010010700	Carpenter	man-	181,70

1	2	3	4	5
			hours	
	2874125881241	Standard washers M10	kg	1,264
	2874115841033	Standard square nuts M10	pieces	7,90
	2874115825003	Standard square bolts M10 × 140 mm	pieces	7,90
	2875276311528	Steel construction staples	kg	7,90
	2873145887000	Conical head nails, type A	kg	6,32
	2030122928385	Formwork panel with 15 mm plywood	m ²	23,70
	2010102904340	Softwood planks	m ³	0,158
	2010102903495	Softwood boards	m ³	0,237
	2320187315789	Formwork release agent (Decofrol)	kg	18,96
	3410520006752	Truck crane, 6–10 tf	machine-hours	3,634
26	RCsD01D	Rebar steel OB 37, diameter up to 8 mm inclusive, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. Fabrication of reinforcement for flat slabs, columns, beams, etc.	kg	277,44
	7123020011140	Rebar worker	man-hours	25,524
	9310060019920	Worker servicing ST	man-hours	9,572
	2710602000030	Plain rebar steel OB 37 STAS 438 diameter 6 mm	kg	284,376
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	2,774
	2010237318750	Spacers	pieces	41,616
	2952270004203	Electric rebar cutting machine, for bar diameter up to 40 mm	machine-hours	0,893
	2940340004205	Rebar bending machine	machine-hours	1,117
	2922140006703	Window crane, capacity 0.0015 Meganewtons (MN) (0.15 ton-force (tf))	machine-hours	11,167
	2952270006612	Rebar tensioning winch OB	machine-hours	0,798
27	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	2 821,20
	7123020011140	Rebar worker	man-hours	279,017
	9310060019920	Worker servicing ST	man-hours	97,331
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	2 891,73
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	28,212
	2010237318750	Spacers	pieces	423,18
	2922140006703	Window crane, capacity 0.0015 Meganewtons (MN) (0.15 ton-force (tf))	machine-hours	113,553
28	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 100 × 100 × 20 State	kg	113,00

1	2	3	4	5
		Standard (GOST) 103-76		
	7214240021810	Construction locksmith (metal fitter)	man-hours	24,691
	9310060019920	Worker servicing ST	man-hours	1,299
	7212030022700	Welder	man-hours	1,299
	2775276309886	Metal fabrications embedded in concrete	kg	113,00
	2734113803207	Soft black wire, diameter 2 mm	kg	1,13
	2873155901200	Welding electrodes	kg	0,565
	4011106202741	Electrical energy	kw	0,904
	1010126200341	Forge coal (hard coal)	kg	1,695
29	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	0,13
	7141020013400	Industrial painter	man-hours	0,963
	2430116100000	Chlorinated rubber enamel	kg	1,014
	2430226100814	Red lead primer G 355-6	kg	0,507
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,072
	2320166200676	White spirit	kg	0,254
	1711317306661	Cleaning cotton	kg	0,127
30	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	192,00
	7212030022700	Welder	man-hours	121,44
	2873155900800	Welding electrodes	kg	115,20
	4011106202741	Electrical energy	kw	211,20
Total Monolithic columns Cm-2 (12 pieces)				
3.3. Monolithic columns Cm-3 (2 pieces)				
31	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	3,00
	7123010010200	Concrete worker	man-hours	15,111

1	2	3	4	5
	9310060019920	Worker servicing ST	man-hours	8,315
	2663102100000 20	Concrete C20/25	m ³	3,136
	4100116202818	Water for mortars and concrete	m ³	0,367
	2952270003101	Poker vibrator	machine-hours	2,07
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,517
32	CB03F	Formwork from reusable plywood panels, 15 mm thick, for concreting columns in structures up to 20 m in height inclusive, excluding fastenings	m ²	27,00
	9310060019920	Worker servicing ST	man-hours	7,762
	7124010010700	Carpenter	man-hours	31,05
	2874125881241	Standard washers M10	kg	0,216
	2874115841033	Standard square nuts M10	pieces	1,35
	2874115825003	Standard square bolts M10 × 140 mm	pieces	1,35
	2875276311528	Steel construction staples	kg	1,35
	2873145887000	Conical head nails, type A	kg	1,08
	2030122928385	Formwork panel with 15 mm plywood	m ²	4,05
	2010102904340	Softwood planks	m ³	0,027
	2010102903495	Softwood boards	m ³	0,041
	2320187315789	Formwork release agent (Decofrol)	kg	3,24
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,621
33	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	352,30
	7123020011140	Rebar worker	man-hours	34,842
	9310060019920	Worker servicing ST	man-hours	12,154
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	361,107
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	3,523
	2010237318750	Spacers	pieces	52,845
	2922140006703	Window crane, capacity 0.0015 Meganewtons (MN) (0.15 ton-force (tf))	machine-hours	14,18
34	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	12,00
	7214240021810	Construction locksmith (metal fitter)	man-hours	2,622
	9310060019920	Worker servicing ST	man-hours	0,138

1	2	3	4	5
	7212030022700	Welder	man-hours	0,138
	2775276309886	Metal fabrications embedded in concrete	kg	12,00
	2734113803207	Soft black wire, diameter 2 mm	kg	0,12
	2873155901200	Welding electrodes	kg	0,06
	4011106202741	Electrical energy	kw	0,096
	1010126200341	Forge coal (hard coal)	kg	0,18
35	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	0,012
	7141020013400	Industrial painter	man-hours	0,089
	2430116100000	Chlorinated rubber enamel	kg	0,094
	2430226100814	Red lead primer G 355-6	kg	0,047
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,007
	2320166200676	White spirit	kg	0,023
	1711317306661	Cleaning cotton	kg	0,012
36	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	24,00
	7212030022700	Welder	man-hours	15,18
	2873155900800	Welding electrodes	kg	14,40
	4011106202741	Electrical energy	kw	26,40
Total Monolithic columns Cm-3 (2 pieces)				
		3.4. Monolithic columns Cm-4 (1 piece)		
37	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	0,60
	7123010010200	Concrete worker	man-hours	3,022
	9310060019920	Worker servicing ST	man-hours	1,663
	2663102100000 20	Concrete C20/25	m ³	0,627
	4100116202818	Water for mortars and concrete	m ³	0,073
	2952270003101	Poker vibrator	machine-hours	0,414

1	2	3	4	5
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,103
38	CB03F	Formwork from reusable plywood panels, 15 mm thick, for concreting columns in structures up to 20 m in height inclusive, excluding fastenings	m ²	4,00
	9310060019920	Worker servicing ST	man-hours	1,15
	7124010010700	Carpenter	man-hours	4,60
	2874125881241	Standard washers M10	kg	0,032
	2874115841033	Standard square nuts M10	pieces	0,20
	2874115825003	Standard square bolts M10 × 140 mm	pieces	0,20
	2875276311528	Steel construction staples	kg	0,20
	2873145887000	Conical head nails, type A	kg	0,16
	2030122928385	Formwork panel with 15 mm plywood	m ²	0,60
	2010102904340	Softwood planks	m ³	0,004
	2010102903495	Softwood boards	m ³	0,006
	2320187315789	Formwork release agent (Decofrol)	kg	0,48
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,092
39	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	53,44
	7123020011140	Rebar worker	man-hours	5,285
	9310060019920	Worker servicing ST	man-hours	1,844
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	54,776
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,534
	2010237318750	Spacers	pieces	8,016
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	2,151
40	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	3,00
	7214240021810	Construction locksmith (metal fitter)	man-hours	0,655
	9310060019920	Worker servicing ST	man-hours	0,034
	7212030022700	Welder	man-hours	0,034
	2775276309886	Metal fabrications embedded in concrete	kg	3,00
	2734113803207	Soft black wire, diameter 2 mm	kg	0,03
	2873155901200	Welding electrodes	kg	0,015
	4011106202741	Electrical energy	kw	0,024
	1010126200341	Forge coal (hard coal)	kg	0,045

1	2	3	4	5
41	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	0,003
	7141020013400	Industrial painter	man-hours	0,022
	2430116100000	Chlorinated rubber enamel	kg	0,023
	2430226100814	Red lead primer G 355-6	kg	0,012
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,002
	2320166200676	White spirit	kg	0,006
	1711317306661	Cleaning cotton	kg	0,003
42	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	12,00
	7212030022700	Welder	man-hours	7,59
	2873155900800	Welding electrodes	kg	7,20
	4011106202741	Electrical energy	kw	13,20
Total Monolithic columns Cm-4 (1 piece)				
		3.5. Monolithic columns Cm-5 (1 piece)		
43	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	0,32
	7123010010200	Concrete worker	man-hours	1,612
	9310060019920	Worker servicing ST	man-hours	0,887
	2663102100000 20	Concrete C20/25	m ³	0,335
	4100116202818	Water for mortars and concrete	m ³	0,039
	2952270003101	Poker vibrator	machine-hours	0,221
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,055
44	CB03F	Formwork from reusable plywood panels, 15 mm thick, for concreting columns in structures up to 20 m in height inclusive, excluding fastenings	m ²	2,50

1	2	3	4	5
	9310060019920	Worker servicing ST	man-hours	0,719
	7124010010700	Carpenter	man-hours	2,875
	2874125881241	Standard washers M10	kg	0,02
	2874115841033	Standard square nuts M10	pieces	0,125
	2874115825003	Standard square bolts M10 × 140 mm	pieces	0,125
	2875276311528	Steel construction staples	kg	0,125
	2873145887000	Conical head nails, type A	kg	0,10
	2030122928385	Formwork panel with 15 mm plywood	m ²	0,375
	2010102904340	Softwood planks	m ³	0,003
	2010102903495	Softwood boards	m ³	0,004
	2320187315789	Formwork release agent (Decofrol)	kg	0,30
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,057
45	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	28,60
	7123020011140	Rebar worker	man-hours	2,829
	9310060019920	Worker servicing ST	man-hours	0,987
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	29,315
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,286
	2010237318750	Spacers	pieces	4,29
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	1,151
46	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	3,00
	7214240021810	Construction locksmith (metal fitter)	man-hours	0,655
	9310060019920	Worker servicing ST	man-hours	0,034
	7212030022700	Welder	man-hours	0,034
	2775276309886	Metal fabrications embedded in concrete	kg	3,00
	2734113803207	Soft black wire, diameter 2 mm	kg	0,03
	2873155901200	Welding electrodes	kg	0,015
	4011106202741	Electrical energy	kw	0,024
	1010126200341	Forge coal (hard coal)	kg	0,045
47	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	0,003

1	2	3	4	5
	7141020013400	Industrial painter	man-hours	0,022
	2430116100000	Chlorinated rubber enamel	kg	0,023
	2430226100814	Red lead primer G 355-6	kg	0,012
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,002
	2320166200676	White spirit	kg	0,006
	1711317306661	Cleaning cotton	kg	0,003
48	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	12,00
	7212030022700	Welder	man-hours	7,59
	2873155900800	Welding electrodes	kg	7,20
	4011106202741	Electrical energy	kw	13,20
Total Monolithic columns Cm-5 (1 piece)				
Total Columns				
		4. Beams		
		4.1. Stair beam Gr-1 (2 pieces)		
49	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	3,48
	7123010010200	Concrete worker	man-hours	17,529
	9310060019920	Worker servicing ST	man-hours	9,645
	2663102100000 20	Concrete C20/25	m ³	3,638
	4100116202818	Water for mortars and concrete	m ³	0,426
	2952270003101	Poker vibrator	machine-hours	2,401
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,60
50	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	3,00
	9310060019920	Worker servicing ST	man-	0,517

1	2	3	4	5
			hours	
	7124010010700	Carpenter	man-hours	2,932
	2874125881241	Standard washers M10	kg	0,015
	2874115841033	Standard square nuts M10	pieces	0,90
	2874115825003	Standard square bolts M10 × 140 mm	pieces	0,90
	2875276311528	Steel construction staples	kg	0,09
	2873145887000	Conical head nails, type A	kg	0,09
	2030122928385	Formwork panel with 15 mm plywood	m ²	0,39
	2010102904340	Softwood planks	m ³	0,003
	2010102903495	Softwood boards	m ³	0,003
	2320187315789	Formwork release agent (Decofrol)	kg	0,36
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,069
51	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	15,00
	7124010010700 1	Carpenter	man-hours	5,175
	9310060019920	Worker servicing ST	man-hours	2,587
	2811236310185	Metal adjustable props PE 3100 R	kg	6,00
	2010102904340	Softwood planks	m ³	0,007
	2922140007000	Crane	machine-hours	0,172
52	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	97,04
	7123020011140	Rebar worker	man-hours	9,597
	9310060019920	Worker servicing ST	man-hours	3,348
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	99,466
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,97
	2010237318750	Spacers	pieces	14,556
	2922140006703	Window crane, capacity 0.0015 Meganewtons (MN) (0.15 ton-force (tf))	machine-hours	3,906
Total Stair beam Gr-1 (2 pieces)				
4.2. Stair beam Gr-2 (1 piece)				
53	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor	m ³	0,61

1	2	3	4	5
		slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020		
	7123010010200	Concrete worker	man-hours	3,073
	9310060019920	Worker servicing ST	man-hours	1,691
	2663102100000 20	Concrete C20/25	m ³	0,638
	4100116202818	Water for mortars and concrete	m ³	0,075
	2952270003101	Poker vibrator	machine-hours	0,421
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,105
54	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	1,50
	9310060019920	Worker servicing ST	man-hours	0,259
	7124010010700	Carpenter	man-hours	1,466
	2874125881241	Standard washers M10	kg	0,007
	2874115841033	Standard square nuts M10	pieces	0,45
	2874115825003	Standard square bolts M10 × 140 mm	pieces	0,45
	2875276311528	Steel construction staples	kg	0,045
	2873145887000	Conical head nails, type A	kg	0,045
	2030122928385	Formwork panel with 15 mm plywood	m ²	0,195
	2010102904340	Softwood planks	m ³	0,002
	2010102903495	Softwood boards	m ³	0,002
	2320187315789	Formwork release agent (Decofrol)	kg	0,18
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,034
55	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	7,00
	7124010010700 1	Carpenter	man-hours	2,415
	9310060019920	Worker servicing ST	man-hours	1,207
	2811236310185	Metal adjustable props PE 3100 R	kg	2,80
	2010102904340	Softwood planks	m ³	0,004
	2922140007000	Crane	machine-hours	0,081
56	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	78,00

1	2	3	4	5
	7123020011140	Rebar worker	man-hours	7,714
	9310060019920	Worker servicing ST	man-hours	2,691
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	79,95
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,78
	2010237318750	Spacers	pieces	11,70
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	3,139
57	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	2,25
	7214240021810	Construction locksmith (metal fitter)	man-hours	0,492
	9310060019920	Worker servicing ST	man-hours	0,026
	7212030022700	Welder	man-hours	0,026
	2775276309886	Metal fabrications embedded in concrete	kg	2,25
	2734113803207	Soft black wire, diameter 2 mm	kg	0,022
	2873155901200	Welding electrodes	kg	0,011
	4011106202741	Electrical energy	kw	0,018
	1010126200341	Forge coal (hard coal)	kg	0,034
Total Stair beam Gr-2 (1 piece)				
4.3. Beams at elevation 3.500				
58	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	91,00
	7123010010200	Concrete worker	man-hours	458,367
	9310060019920	Worker servicing ST	man-hours	252,207
	2663102100000 20	Concrete C20/25	m ³	95,14
	4100116202818	Water for mortars and concrete	m ³	11,138
	2952270003101	Poker vibrator	machine-hours	62,79
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	15,697
59	CB03E	Formwork from reusable plywood panels,	m ²	536,00

1	2	3	4	5
		15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings		
	9310060019920	Worker servicing ST	man-hours	92,46
	7124010010700	Carpenter	man-hours	523,94
	2874125881241	Standard washers M10	kg	2,68
	2874115841033	Standard square nuts M10	pieces	160,80
	2874115825003	Standard square bolts M10 × 140 mm	pieces	160,80
	2875276311528	Steel construction staples	kg	16,08
	2873145887000	Conical head nails, type A	kg	16,08
	2030122928385	Formwork panel with 15 mm plywood	m ²	69,68
	2010102904340	Softwood planks	m ³	0,536
	2010102903495	Softwood boards	m ³	0,536
	2320187315789	Formwork release agent (Decofrol)	kg	64,32
	3410520006752	Truck crane, 6–10 tf	machine-hours	12,328
60	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	830,00
	7124010010700 1	Carpenter	man-hours	286,35
	9310060019920	Worker servicing ST	man-hours	143,175
	2811236310185	Metal adjustable props PE 3100 R	kg	332,00
	2010102904340	Softwood planks	m ³	0,415
	2922140007000	Crane	machine-hours	9,545
61	RCsD01D	Rebar steel OB 37, diameter up to 8 mm inclusive, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. Fabrication of reinforcement for flat slabs, columns, beams, etc.	kg	98,00
	7123020011140	Rebar worker	man-hours	9,016
	9310060019920	Worker servicing ST	man-hours	3,381
	2710602000030	Plain rebar steel OB 37 STAS 438 diameter 6 mm	kg	100,45
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,98
	2010237318750	Spacers	pieces	14,70
	2952270004203	Electric rebar cutting machine, for bar diameter up to 40 mm	machine-hours	0,316
	2940340004205	Rebar bending machine	machine-hours	0,394
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	3,945
	2952270006612	Rebar tensioning winch OB	machine-	0,282

1	2	3	4	5
			hours	
62	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	12 547,70
	7123020011140	Rebar worker	man-hours	1 240,968
	9310060019920	Worker servicing ST	man-hours	432,896
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	12 861,392
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	125,477
	2010237318750	Spacers	pieces	1 882,155
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	505,045
63	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	51,90
	7214240021810	Construction locksmith (metal fitter)	man-hours	11,34
	9310060019920	Worker servicing ST	man-hours	0,597
	7212030022700	Welder	man-hours	0,597
	2775276309886	Metal fabrications embedded in concrete	kg	51,90
	2734113803207	Soft black wire, diameter 2 mm	kg	0,519
	2873155901200	Welding electrodes	kg	0,26
	4011106202741	Electrical energy	kw	0,415
	1010126200341	Forge coal (hard coal)	kg	0,778
64	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	48,00
	7212030022700	Welder	man-hours	30,36
	2873155900800	Welding electrodes	kg	28,80
	4011106202741	Electrical energy	kw	52,80
Total Beams at elevation 3.500				
4.4. Beams at elevation 7.100				
65	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining	m ³	41,00

1	2	3	4	5
		walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020		
	7123010010200	Concrete worker	man-hours	206,517
	9310060019920	Worker servicing ST	man-hours	113,632
	2663102100000 20	Concrete C20/25	m ³	42,865
	4100116202818	Water for mortars and concrete	m ³	5,018
	2952270003101	Poker vibrator	machine-hours	28,29
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	7,072
66	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	331,00
	9310060019920	Worker servicing ST	man-hours	57,097
	7124010010700	Carpenter	man-hours	323,552
	2874125881241	Standard washers M10	kg	1,655
	2874115841033	Standard square nuts M10	pieces	99,30
	2874115825003	Standard square bolts M10 × 140 mm	pieces	99,30
	2875276311528	Steel construction staples	kg	9,93
	2873145887000	Conical head nails, type A	kg	9,93
	2030122928385	Formwork panel with 15 mm plywood	m ²	43,03
	2010102904340	Softwood planks	m ³	0,331
	2010102903495	Softwood boards	m ³	0,331
	2320187315789	Formwork release agent (Decofrol)	kg	39,72
	3410520006752	Truck crane, 6–10 tf	machine-hours	7,613
67	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	700,00
	7124010010700 1	Carpenter	man-hours	241,50
	9310060019920	Worker servicing ST	man-hours	120,75
	2811236310185	Metal adjustable props PE 3100 R	kg	280,00
	2010102904340	Softwood planks	m ³	0,35
	2922140007000	Crane	machine-hours	8,05
68	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat	kg	6 649,30

1	2	3	4	5
		slabs, columns, beams, etc.		
	7123020011140	Rebar worker	man-hours	657,616
	9310060019920	Worker servicing ST	man-hours	229,401
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	6 815,532
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	66,493
	2010237318750	Spacers	pieces	997,395
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	267,634
69	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete / 80×80×15 State Standard (GOST) 103-76	kg	1 314,80
	7214240021810	Construction locksmith (metal fitter)	man-hours	287,284
	9310060019920	Worker servicing ST	man-hours	15,12
	7212030022700	Welder	man-hours	15,12
	2775276309886	Metal fabrications embedded in concrete	kg	1 314,80
	2734113803207	Soft black wire, diameter 2 mm	kg	13,148
	2873155901200	Welding electrodes	kg	6,574
	4011106202741	Electrical energy	kw	10,518
	1010126200341	Forge coal (hard coal)	kg	19,722
70	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	1,30
	7141020013400	Industrial painter	man-hours	9,628
	2430116100000	Chlorinated rubber enamel	kg	10,14
	2430226100814	Red lead primer G 355-6	kg	5,07
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,715
	2320166200676	White spirit	kg	2,535
	1711317306661	Cleaning cotton	kg	1,268
71	CC13H	Splicing of rebar steel for reinforced monolithic concrete by bench electric welding, using one splice plate and butt welding, for bars with diameter 18–28 mm	pieces	24,00
	7212030022700	Welder	man-hours	15,18
	2873155900800	Welding electrodes	kg	14,40
	4011106202741	Electrical energy	kw	26,40

1	2	3	4	5
Total Beams at elevation 7.100				
Total Beams				
		5. Slab		
		5.1. Slab at elevation 3.500		
72	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	150,20
	7123010010200	Concrete worker	man-hours	756,557
	9310060019920	Worker servicing ST	man-hours	416,279
	2663102100000 20	Concrete C20/25	m ³	157,034
	4100116202818	Water for mortars and concrete	m ³	18,384
	2952270003101	Poker vibrator	machine-hours	103,638
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	25,909
73	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	835,00
	9310060019920	Worker servicing ST	man-hours	144,037
	7124010010700	Carpenter	man-hours	816,212
	2874125881241	Standard washers M10	kg	4,175
	2874115841033	Standard square nuts M10	pieces	250,50
	2874115825003	Standard square bolts M10 × 140 mm	pieces	250,50
	2875276311528	Steel construction staples	kg	25,05
	2873145887000	Conical head nails, type A	kg	25,05
	2030122928385	Formwork panel with 15 mm plywood	m ²	108,55
	2010102904340	Softwood planks	m ³	0,835
	2010102903495	Softwood boards	m ³	0,835
	2320187315789	Formwork release agent (Decofrol)	kg	100,20
	3410520006752	Truck crane, 6–10 tf	machine-hours	19,205
74	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	1 670,00

1	2	3	4	5
	7124010010700 1	Carpenter	man-hours	576,15
	9310060019920	Worker servicing ST	man-hours	288,075
	2811236310185	Metal adjustable props PE 3100 R	kg	668,00
	2010102904340	Softwood planks	m ³	0,835
	2922140007000	Crane	machine-hours	19,205
75	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	808,42
	7123020011140	Rebar worker	man-hours	72,515
	9310060019920	Worker servicing ST	man-hours	27,89
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	828,63
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	8,084
	2010237318750	Spacers	pieces	121,263
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	32,539
76	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	17 068,37
	7123020011140	Rebar worker	man-hours	1 688,062
	9310060019920	Worker servicing ST	man-hours	588,859
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	17 495,079
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	170,684
	2010237318750	Spacers	pieces	2 560,255
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	687,002
Total Slab at elevation 3.500				
5.2. Slab at elevation 7.100				
77	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	6,50

1	2	3	4	5
	7123010010200	Concrete worker	man-hours	32,74
	9310060019920	Worker servicing ST	man-hours	18,015
	2663102100000 20	Concrete C20/25	m ³	6,796
	4100116202818	Water for mortars and concrete	m ³	0,796
	2952270003101	Poker vibrator	machine-hours	4,485
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	1,121
78	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	36,00
	9310060019920	Worker servicing ST	man-hours	6,21
	7124010010700	Carpenter	man-hours	35,19
	2874125881241	Standard washers M10	kg	0,18
	2874115841033	Standard square nuts M10	pieces	10,80
	2874115825003	Standard square bolts M10 × 140 mm	pieces	10,80
	2875276311528	Steel construction staples	kg	1,08
	2873145887000	Conical head nails, type A	kg	1,08
	2030122928385	Formwork panel with 15 mm plywood	m ²	4,68
	2010102904340	Softwood planks	m ³	0,036
	2010102903495	Softwood boards	m ³	0,036
	2320187315789	Formwork release agent (Decofrol)	kg	4,32
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,828
79	CB11A	Supports with inventory adjustable props for installation of prefabricated slabs, with placement of partially or fully monolithic slabs with beams or monolithic beams with prefabricated slabs type PE 3100 R	pieces	75,00
	7124010010700 1	Carpenter	man-hours	25,875
	9310060019920	Worker servicing ST	man-hours	12,937
	2811236310185	Metal adjustable props PE 3100 R	kg	30,00
	2010102904340	Softwood planks	m ³	0,037
	2922140007000	Crane	machine-hours	0,862
80	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	36,30
	7123020011140	Rebar worker	man-hours	3,256
	9310060019920	Worker servicing ST	man-	1,252

1	2	3	4	5
			hours	
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	37,207
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	0,363
	2010237318750	Spacers	pieces	5,445
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	1,461
81	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	634,03
	7123020011140	Rebar worker	man-hours	62,706
	9310060019920	Worker servicing ST	man-hours	21,874
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	649,881
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	6,34
	2010237318750	Spacers	pieces	95,104
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	25,52
Total Slab at elevation 7.100				
		5.3. Interior staircase SC-1		
82	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	3,20
	7123010010200	Concrete worker	man-hours	16,118
	9310060019920	Worker servicing ST	man-hours	8,869
	2663102100000 20	Concrete C20/25	m ³	3,346
	4100116202818	Water for mortars and concrete	m ³	0,392
	2952270003101	Poker vibrator	machine-hours	2,208
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,552
83	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	12,00
	9310060019920	Worker servicing ST	man-hours	2,07
	7124010010700	Carpenter	man-	11,73

1	2	3	4	5
			hours	
	2874125881241	Standard washers M10	kg	0,06
	2874115841033	Standard square nuts M10	pieces	3,60
	2874115825003	Standard square bolts M10 × 140 mm	pieces	3,60
	2875276311528	Steel construction staples	kg	0,36
	2873145887000	Conical head nails, type A	kg	0,36
	2030122928385	Formwork panel with 15 mm plywood	m ²	1,56
	2010102904340	Softwood planks	m ³	0,012
	2010102903495	Softwood boards	m ³	0,012
	2320187315789	Formwork release agent (Decofrol)	kg	1,44
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,276
84	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	108,00
	7123020011140	Rebar worker	man-hours	9,688
	9310060019920	Worker servicing ST	man-hours	3,726
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	110,70
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	1,08
	2010237318750	Spacers	pieces	16,20
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	4,347
85	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	307,00
	7123020011140	Rebar worker	man-hours	30,362
	9310060019920	Worker servicing ST	man-hours	10,591
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	314,675
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	3,07
	2010237318750	Spacers	pieces	46,05
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	12,357
Total Interior staircase SC-1				
5.4. Interior staircase SC-2				
86	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350)	m ³	3,20

1	2	3	4	5
		Small materials (boards, wire, nails, etc.) = 1,020		
	7123010010200	Concrete worker	man-hours	16,118
	9310060019920	Worker servicing ST	man-hours	8,869
	2663102100000 20	Concrete C20/25	m ³	3,346
	4100116202818	Water for mortars and concrete	m ³	0,392
	2952270003101	Poker vibrator	machine-hours	2,208
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	0,552
87	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	12,00
	9310060019920	Worker servicing ST	man-hours	2,07
	7124010010700	Carpenter	man-hours	11,73
	2874125881241	Standard washers M10	kg	0,06
	2874115841033	Standard square nuts M10	pieces	3,60
	2874115825003	Standard square bolts M10 × 140 mm	pieces	3,60
	2875276311528	Steel construction staples	kg	0,36
	2873145887000	Conical head nails, type A	kg	0,36
	2030122928385	Formwork panel with 15 mm plywood	m ²	1,56
	2010102904340	Softwood planks	m ³	0,012
	2010102903495	Softwood boards	m ³	0,012
	2320187315789	Formwork release agent (Decofrol)	kg	1,44
	3410520006752	Truck crane, 6–10 tf	machine-hours	0,276
88	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	108,00
	7123020011140	Rebar worker	man-hours	9,688
	9310060019920	Worker servicing ST	man-hours	3,726
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	110,70
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	1,08
	2010237318750	Spacers	pieces	16,20
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	4,347
89	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	307,00
	7123020011140	Rebar worker	man-	30,362

1	2	3	4	5
			hours	
	9310060019920	Worker servicing ST	man-hours	10,591
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	314,675
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	3,07
	2010237318750	Spacers	pieces	46,05
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	12,357
Total Interior staircase SC-2				
5.5. Floors at elevation 0.000				
90	TsC54B	Base layer of rubble stone	m ³	191,00
	9310060019900	Unskilled worker	man-hours	217,453
	1411122201752	Crushed stone	m ³	219,65
	4100126202818	Water	m ³	19,10
	2912340002506	Mobile compressor with internal combustion engine, pressure up to 686 kilopascals (kPa) (7 atmospheres (atm)), capacity 2.2 m ³ /min	machine-hours	46,126
	2592270004021	Pneumatic or mechanical compactor, 150–200 kg	machine-hours	92,253
91	CA02C	Plain concrete cast for leveling layers, slopes and screeds at heights up to 35 m inclusive, prepared by concrete batching plant or ready-mix concrete, placed by conventional means, class C8/10 Small materials (softwood planks) = 1,010	m ³	8,60
	7123010010200	Concrete worker	man-hours	38,076
	9310060019920	Worker servicing ST	man-hours	6,428
	2663102100000 150	Concrete C8/10	m ³	8,903
	4100116202818	Water for mortars and concrete	m ³	0,869
	2922140007000	Crane	machine-hours	2,472
	2952270003000	Surface vibrator	machine-hours	3,956
92	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	298,00
	7123010010200	Concrete worker	man-hours	1 501,026
	9310060019920	Worker servicing ST	man-hours	825,907

1	2	3	4	5
	2663102100000 20	Concrete C20/25	m ³	311,559
	4100116202818	Water for mortars and concrete	m ³	36,475
	2952270003101	Poker vibrator	machine- hours	205,62
	3410520001373	Truck crane, 5 ton-force (tf)	machine- hours	51,405
93	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	826,10
	7123020011140	Rebar worker	man- hours	74,101
	9310060019920	Worker servicing ST	man- hours	28,50
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	846,752
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	8,261
	2010237318750	Spacers	pieces	123,915
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine- hours	33,251
94	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	12 574,80
	7123020011140	Rebar worker	man- hours	1 243,648
	9310060019920	Worker servicing ST	man- hours	433,831
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	12 889,17
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	125,748
	2010237318750	Spacers	pieces	1 886,22
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine- hours	506,136
Total Floors at elevation 0.000				
Total Slab				
		6. Wall strengthening		
95	RCsB04D	Ready-mix concrete delivered from the ready-mix concrete plant and placed by conventional means in columns, beams, ribs, slabs, landings, staircases, retaining walls, reinforced concrete pads, floor slabs, diaphragms, stair flights, etc., in existing buildings / C20/25 (M350) Small materials (boards, wire, nails, etc.) = 1,020	m ³	33,00
	7123010010200	Concrete worker	man-	166,221

1	2	3	4	5
			hours	
	9310060019920	Worker servicing ST	man-hours	91,459
	266310210000020	Concrete C20/25	m ³	34,502
	4100116202818	Water for mortars and concrete	m ³	4,039
	2952270003101	Poker vibrator	machine-hours	22,77
	3410520001373	Truck crane, 5 ton-force (tf)	machine-hours	5,692
96	CB03E	Formwork from reusable plywood panels, 15 mm thick, for concreting slabs and beams in structures up to 20 m in height inclusive, excluding fastenings	m ²	170,00
	9310060019920	Worker servicing ST	man-hours	29,325
	7124010010700	Carpenter	man-hours	166,175
	2874125881241	Standard washers M10	kg	0,85
	2874115841033	Standard square nuts M10	pieces	51,00
	2874115825003	Standard square bolts M10 × 140 mm	pieces	51,00
	2875276311528	Steel construction staples	kg	5,10
	2873145887000	Conical head nails, type A	kg	5,10
	2030122928385	Formwork panel with 15 mm plywood	m ²	22,10
	2010102904340	Softwood planks	m ³	0,17
	2010102903495	Softwood boards	m ³	0,17
	2320187315789	Formwork release agent (Decofrol)	kg	20,40
	3410520006752	Truck crane, 6–10 tf	machine-hours	3,91
97	RCsD02D	Rebar steel OB 37, with diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	1 633,00
	7123020011140	Rebar worker	man-hours	146,48
	9310060019920	Worker servicing ST	man-hours	56,338
	2710602000035	Plain rebar steel OB 37, diameter over 8 mm	kg	1 673,825
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	16,33
	2010237318750	Spacers	pieces	244,95
	2922140006703	Window crane, capacity 0.0015 Meganewtons (MN) (0.15 ton-force (tf))	machine-hours	65,728
98	RCsD02D 1	Rebar steel PC 52, diameter over 8 mm, fabricated in a site workshop for foundations and raft beams, installed in existing structural elements. For flat slabs, columns, beams, etc.	kg	4 211,00
	7123020011140	Rebar worker	man-hours	416,468
	9310060019920	Worker servicing ST	man-hours	145,279

1	2	3	4	5
	2710602000038	Plain rebar steel PC 52, diameter over 8 mm	kg	4 316,275
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	42,11
	2010237318750	Spacers	pieces	631,65
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	169,493
99	RCsD08A	Installation of welded meshes STM or STNB on walls and diaphragms with weight up to 3 kg/m ² Small materials = 1,050	kg	211,00
	7123020011140	Rebar worker	man-hours	16,986
	9310060019920	Worker servicing ST	man-hours	0,971
	2873122004111	Welded meshes STM or STNB	kg	223,766
	2710602000030	Plain rebar steel OB 37 STAS 438 diameter 6 mm	kg	1,108
	2746133803142	Ordinary soft wire, diameter 1.25 mm	kg	2,216
	2523156719079	Plastic spacer	pieces	33,233
	2922140006703	Window crane, capacity 0.0015 meganewtons (MN) (0.15 ton-force (tf))	machine-hours	0,146
100	CL18A	Various metal products made of rolled profiles, sheet steel, checkered and reinforcing steel, and pipes for supports or coverings, fully or partially embedded in concrete	kg	345,00
	7214240021810	Construction locksmith (metal fitter)	man-hours	75,382
	9310060019920	Worker servicing ST	man-hours	3,967
	7212030022700	Welder	man-hours	3,967
	2734113803207	Soft black wire, diameter 2 mm	kg	3,45
	2775276309886	Metal fabrications embedded in concrete	kg	345,00
	2873155901200	Welding electrodes	kg	1,725
	4011106202741	Electrical energy	kw	2,76
	1010126200341	Forge coal (hard coal)	kg	5,175
101	IzD10A	Anticorrosion painting by brush of metal products and structures, one coat of anticorrosion primer based on red lead and two coats of chlorinated rubber enamel.	tonne	0,345
	7141020013400	Industrial painter	man-hours	2,555
	2430116100000	Chlorinated rubber enamel	kg	2,691
	2430226100814	Red lead primer G 355-6	kg	1,345
	2430226109420	Thinner for anticorrosive varnishes D.006-1 NI 1708-61 A1	kg	0,19
	2320166200676	White spirit	kg	0,673
	1711317306661	Cleaning cotton	kg	0,336
Total Wall strengthening				

Total
Social fund
Total
Transportation of materials
Storage expenses
Direct expenses
Overhead expenses
Total
Estimated profit

**Total estimate:
Including wages**

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

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

26.02.2026

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