

**Extension and modernisation of  
the zones of the Chişinău  
International Airport Terminal  
complex with the adjacent  
territory, located in Chişinău  
municipality, Botanica district,  
80/3 Dacia Blvd N16125/2025 -  
1/1 - SA**

Form No. 1B

(project name)

WinCmeta

## Detailed Estimate No. 2-1-2

### Phase 1 Stage 1

### Architectural Solutions (vol. AS)

(description of works)

No. of unit	Norms reference and resource codes	Description of works	u.o.m.	Quantity according to the project
1	2	3	4	5
		<b>1. Demolition work</b>		
1	RCsO56B	Removing plasterboard partitions	m2	306.00
	7422010060100	Joiner	man-hours	249.849
	9310060019920	Service worker (construction works)	man-hours	165.393
2	RCsG32C	Demolition of masonry walls made of solid brick, BCA, ceramic or lightweight concrete blocks, and GVP bricks, excluding scaffolding and cleaning of bricks (the portion of the wall below the window sill is 520 mm)	m3	3.30
	7122050013400	Bricklayer	man-hours	2.087
	9310060019920	Service worker (construction works)	man-hours	17.267
	4100126202818	Water	m3	0.396
	2922140006702	Window crane	machine-hours	0.304
3	RCsO56A	Removal: Wooden joinery (windows)	m2	6.10
	7422010060100	Joiner	man-hours	2.245
	9310060019920	Service worker (construction works)	man-hours	2.245
4	RCsO56A	Removal: Wooden joinery (doors)	m2	20.90

1	2	3	4	5
	7422010060100	Joiner	man-hours	7.691
	9310060019920	Service worker (construction works)	man-hours	7.691
5	RCsK41C	Removal of cold flooring made of concrete slabs, marble, stone, tile, ceramic tiles, etc.	m2	1,680.00
	7132040012700	Parquet layer	man-hours	753.48
	9310060019920	Service worker (construction works)	man-hours	753.48
	4100126202818	Water	m3	84.00
	2922140006703	Light window crane, capacity 0.0015 MN (0.15 tf)	machine-hours	96.60
6	RCsO56C	Removal: wall linings made of wood, asbestos cement, PFL, PAS, etc., from walls or suspended ceilings, etc.	m2	1,164.00
	7422010060100	Joiner	man-hours	267.72
	9310060019920	Service worker (construction works)	man-hours	160.632
7	RpSC05A	Removal of a ceramic sink, including fixtures	pcs	2.00
	7136020011620	Plumber	man-hours	2.185
8	RpSC06A	Removing a fully equipped ceramic toilet	pcs	2.00
	7136020011620	Plumber	man-hours	2.53
9	RCsO56B	Removal of wall and ceiling linings made of wood, plywood, hardboard, PAS, etc. (including removal of HPL cladding)	m2	27.00
	7422010060100	Joiner	man-hours	22.045
	9310060019920	Service worker (construction works)	man-hours	14.593
10	RCsO56A	Removal of timber joinery (glazing systems)	m2	6.50
	7422010060100	Joiner	man-hours	2.392
	9310060019920	Service worker (construction works)	man-hours	2.392
11	RCsO56B	Removal of wall and ceiling linings made of wood, plywood, hardboard, PAS, etc.	m2	29.20
	7422010060100	Joiner	man-hours	23.842

1	2	3	4	5
	9310060019920	Service worker (construction works)	man-hours	15.783
12	RCsQ12D	Removal of walls made of profiled glass panels (laminated glass railings)	m2	49.40
	9310060019922	Service worker	man-hours	239.17
	4100126202818	Water	m3	0.296
	2922140006702	Window crane	machine-hours	1.704
13	TrB01A1-5	Transportation of materials, groups 1–3 (loading, placing, unloading, placing), using pneumatic wheelbarrows over a distance of 50 m	t	253.00
	9310060019900	Unskilled labor	man-hours	314.226
14	TrI1AA02 C2	Loading of materials, group A – heavy, in lumps, by throwing from ramp or ground into vehicles, category 2	t	253.00
	9310060019900	Unskilled labor	man-hours	130.927
15	TsI51A10	Haulage of construction waste by 10 t dump truck over a distance of 10 km	t	253.00
	3410540000007	Dump truck - 10t	machine-hours	16.613
<b>Total Demolition work</b>				
		<b>2. Windows</b>		
16	CK19A	Aluminum windows with one or more sashes, for buildings up to 35 m in height inclusive, with frame area up to 3.0 m <sup>2</sup> inclusive (O-1, 1730×1750 (h))	m2	3.03
	7214210026800	Structural steel erector	man-hours	3.484
	9310060019920	Service worker (construction works)	man-hours	0.348
	2030112938100	Aluminum windows	m2	3.03
	2416566101572	Polyurethane foam	kg	2.136
	2430226101600	Silicone sealant	kg	0.748
	2874115829126	Slotted countersunk head screw 6x30 mm	pcs	18.18
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	1.818
	4011106202741	Electrical energy	kW	3.03
	2952160007200	Lifting equipment for finishing works	machine-hours	0.07
17	CK26A	Interior PVC window sills (w=250 mm)	m	1.85
	7422010060100	Joiner	man-hours	0.596

1	2	3	4	5
	9310060019920	Service worker (construction works)	man-hours	0.17
	2521106718392 250	Interior PVC window sills (w=250 mm)	m	1.887
	2874115829126	Slotted countersunk head screw 6x30 mm	pcs	7.548
	2952160007200	Lifting equipment for finishing works	machine-hours	0.021
18	CK26B	Aluminum exterior window sills (w=200 mm)	m	1.85
	7422010060100	Joiner	man-hours	0.681
	9310060019920	Service worker (construction works)	man-hours	0.17
	2743123549026 5200	Aluminum exterior window sills (w=200 mm)	m	1.85
	2874115829126	Slotted countersunk head screw 6x30 mm	pcs	7.40
	2952160007200	Lifting equipment for finishing works	machine-hours	0.021
<b>Total Windows</b>				
<b>3. Doors, Glazing systems</b>				
19	CK21A	Aluminum doors, including all fittings and accessories, installed in walls of any type, for buildings up to 35 m in height inclusive, single-leaf, with frame area up to 7 m <sup>2</sup> inclusive (900×2100)	m <sup>2</sup>	22.68
	7214210026800	Structural steel erector	man-hours	22.17
	9310060019920	Service worker (construction works)	man-hours	2.608
	2812106306050	Prefabricated aluminium doors, including all fittings and accessories	m <sup>2</sup>	22.68
	2874115829126	Slotted countersunk head screw 6x30 mm	pcs	90.72
	2416566101572	Polyurethane foam	kg	11.34
	2430226101600	Silicone sealant	kg	3.969
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	13.608
	4011106202741	Electrical energy	kW	22.68
	2952160007200	Lifting equipment for finishing works	machine-hours	0.522
20	CK21D	Aluminum doors, including all fittings and accessories, installed in walls of any type, for buildings up to 35 m in height inclusive, double-leaf, with frame area up to 7 m <sup>2</sup> inclusive (1700*2600)	m <sup>2</sup>	4.42
	7214210026800	Structural steel erector	man-hours	4.829
	9310060019920	Service worker (construction works)	man-hours	0.559
	2812106306050	Prefabricated aluminium doors, including all fittings and accessories	m <sup>2</sup>	4.42
	2874115829126	Slotted countersunk head screw 6x30 mm	pcs	17.68
	2416566101572	Polyurethane foam	kg	2.431

1	2	3	4	5
	2430226101600	Silicone sealant	kg	0.853
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	2.652
	4011106202741	Electrical energy	kW	4.42
	2952160007200	Lifting equipment for finishing works	machine-hours	0.102
21	CK11B	Prefabricated shopfront glazing, installed in walls of any type, with area between 7.5–10.0 m <sup>2</sup> , at installation heights up to 5 m inclusive, aluminum (BB-14, 2700×2170)	m <sup>2</sup>	5.90
	7214210026800	Structural steel erector	man-hours	4.749
	9310060019920	Service worker (construction works)	man-hours	0.339
	2523146720200	Prefabricated aluminium shopfront systems	m <sup>2</sup>	6.195
	2681126001472 1	Oil for metal accessories	kg	0.059
	2430226102111	ROMALCHIT grout	kg	0.708
	2416566101572	Polyurethane foam	kg	2.065
	2410520006700	Mobile crane	machine-hours	0.034
<b>Total Doors, Glazing systems</b>				
		<b>4. Interior finishing works (ceiling)</b>		
22	CK52B	Suspended ceilings made of “Grigliato” louvre panels on a metal frame, using hangers with brackets and rods, in rooms up to 4 m in height	m <sup>2</sup>	1,164.00
	9310060019930	Worker	man-hours	1,191.354
	2662102701010	“Grigliato” ceiling panels	m <sup>2</sup>	1,190.842
	2812106305912	Hangers with brackets and rods	pcs	933.994
	2812106305914	White corner profiles, 24 mm	m	1,307.591
	2812106305915	Trapezoidal paneling profiles 35/30	m	980.693
	2051142950713	Wall plugs for fixing metal profiles, 6.0 × 40 mm	pcs	252.178
	2051142950712	Wall plugs for fixing ceiling hangers, 6.0 × 40 mm	pcs	945.669
	2952160007200	Lifting equipment for finishing works	machine-hours	4.819
	2952270007609	Electric drill	machine-hours	32.394
<b>Total Interior finishing works (ceiling)</b>				
		<b>5. Interior finishing works (walls)</b>		
		<b>5.1. Type 1</b>		
23	CD72D	Flat partition walls made of gypsum plasterboard (GPB), thickness 100–150	m <sup>2</sup>	426.00

1	2	3	4	5
		mm, on a single metal frame, double-layer boarding on both sides with insulation, for heights up to 4 m (GPB thickness 12.5 mm, mineral wool thickness 100 mm)		
	9310060019930	Worker	man-hours	1,787.645
	2662102701000 125	Gypsum plasterboard panels, 12.5 mm	m2	1,798.146
	2710703520284	Guide rail	m	490.209
	2710703520285	Support profile	m	941.886
	2521302602906 100	Mineral wool insulation boards, 100 mm (for partitions)	m2	440.974
	2523156720072	Sealing tape under profiles ("Dichtungsband")	m	522.319
	2513206621601	Rare mesh adhesive fabric tape ("Serpeanca"), width 5 cm, for reinforcement of gypsum board joints	m	1,297.234
	2430226102822	Gypsum-based joint compound ("Fugenfüller light")	kg	415.714
	2430226101017	"Tifengrund" primer	kg	74.923
	2051142950711	Wall plugs for fixing metal profiles	pcs	642.195
	2874115833873	Self-tapping screws for metal, M-25 × 3.5 mm	pcs	5,432.97
	2874115833876	Self-tapping screws for metal, M- 35x3.5 mm	pcs	12,599.866
	2681126001473	Sandpaper	m2	6.85
	2952160007200	Lifting equipment for finishing works	machine-hours	7.544
	2952270007609	Electric drill	machine-hours	45.904
24	CN53A	Priming of interior wall surfaces	m2	852.00
	7141020013300	Painter	man-hours	29.394
	2416586105303 2	Primer	kg	127.80
	810741	Dry sandpaper	pcs	42.60
25	CF50B	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar (base layer 2 mm)	m2	852.00
	7122050013442	Plasterer	man-hours	1,195.356
	2653102100831	Dry mix	kg	6,083.28
	4100116202818	Water for mortars and concrete	m3	3.408
	2952160007200	Lifting equipment for finishing works	machine-hours	77.404
	2952240004021	Electric stirrer	machine-hours	15.677
26	CF51B k=3	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar. Additional or reduced thickness for each 1.0 mm (added to or deducted from item CF50)	m2	-852.00

1	2	3	4	5
	7122050013442	Plasterer	man-hours	-705.456
	2653102100831	Dry mix	kg	-3 655,08
	4100116202818	Water for mortars and concrete	m3	-2.556
	2952160007200	Lifting equipment for finishing works	machine-hours	-47.03
	2952240004021	Electric stirrer	machine-hours	-8.818
27	CF17C	Miscellaneous works – application of a fiberglass mat layer on the surface of prefabricated AAC elements, bonded with adhesive, including primer coat	m2	852.00
	7122050013400	Bricklayer	man-hours	195.96
	2614122601913	Fiberglass mat, type 160 g/m <sup>2</sup>	m2	937.20
	2462106110132	PVA glue CPMB	kg	127.80
	4100116202818	Water for mortars and concrete	m3	0.256
28	CF57A	Manual application of gypsum-based finishing compound “Eurofin”, 1.0 mm thick, on wall, column and ceiling surfaces	m2	852.00
	7122050013401	Bricklayer cat.4	man-hours	440.91
	9310060019920	Service worker (construction works)	man-hours	97.98
	2653102100833	Plaster-based filler "Eurofin"	kg	898.775
	4100126202818	Water	m3	0.852
	2952160007200	Lifting equipment for finishing works	machine-hours	0.98
29	CN53A	Priming of interior wall surfaces	m2	852.00
	7141020013300	Painter	man-hours	29.394
	2416586105303 2	Primer	kg	127.80
	810741	Dry sandpaper	pcs	42.60
30	CN06A	Interior painting with vinyl copolymer water-based paint, applied in two coats over existing putty, executed manually	m2	852.00
	7141020013300	Painter	man-hours	538.89
	2430116103800	Vinyl copolymer-based paint	kg	340.80
	2653102100830	Building Plaster type A	kg	51.12
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	426.00
	1711317306661	Cleaning cotton cloth	kg	42.60
	4100116202818	Water for mortars and concrete	m3	1.704
<b>Total Type 1</b>				
		<b>5.2. Type 2</b>		

1	2	3	4	5
31	CF59A	Cladding of surfaces with a single layer of gypsum plasterboard on a simple flat metal frame, for heights up to 4 m, walls with insulation (excluding the resource "thermal insulation boards")	m2	312.60
	9310060019930	Worker	man-hours	642.409
	2662102701000 125	Gypsum plasterboard panels, 12.5 mm	m2	329.871
	2710703520284	Guide rail	m	230.91
	2710703520285	Support profile	m	691.159
	2523156720072	Sealing tape under profiles ("Dichtungsband")	m	738.283
	2513206621602	Rare mesh adhesive fabric tape ("Serpeanca")	m	237.978
	2430226102822	Gypsum-based joint compound ("Fugenfüller light")	kg	85.138
	2430226101017	"Tifengrund" primer	kg	27.489
	2051142950711 1	Wall plugs with screws 8×80 mm for fixing metal profiles	pcs	471.244
	2874115833871	Self-tapping screws, 3,5 × 25 mm	pcs	4,055.844
	2952160007200	Lifting equipment for finishing works	machine-hours	2.301
	2952270007609	Electric drill	machine-hours	15.17
32	CN53A	Priming of interior wall surfaces	m2	312.60
	7141020013300	Painter	man-hours	10.785
	2416586105303 2	Primer	kg	46.89
	810741	Dry sandpaper	pcs	15.63
33	CF50B	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar.	m2	312.60
	7122050013442	Plasterer	man-hours	438.578
	2653102100831	Dry mix	kg	2,231.964
	4100116202818	Water for mortars and concrete	m3	1.25
	2952160007200	Lifting equipment for finishing works	machine-hours	28.40
	2952240004021	Electric stirrer	machine-hours	5.752
34	CF51B k=3	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar. Additional or reduced thickness for each 1.0 mm (added to or deducted from item CF50)	m2	-312.60
	7122050013442	Plasterer	man-hours	-258.833
	2653102100831	Dry mix	kg	-1,341.054
	4100116202818	Water for mortars and concrete	m3	-0.938

1	2	3	4	5
	2952160007200	Lifting equipment for finishing works	machine-hours	-17.256
	2952240004021	Electric stirrer	machine-hours	-3.235
35	CF17C	Miscellaneous works – application of a fiberglass mat layer on the surface of prefabricated AAC elements, bonded with adhesive, including primer coat	m2	312.60
	7122050013400	Bricklayer	man-hours	71.898
	2614122601913	Fiberglass mat, type 160 g/m <sup>2</sup>	m2	343.86
	2462106110132	PVA glue CPMB	kg	46.89
	4100116202818	Water for mortars and concrete	m3	0.094
36	CF57A	Manual application of gypsum-based finishing compound “Eurofin”, 1.0 mm thick, on wall, column and ceiling surfaces	m2	312.60
	7122050013401	Bricklayer cat.4	man-hours	161.77
	9310060019920	Service worker (construction works)	man-hours	35.949
	2653102100833	Plaster-based filler "Eurofin"	kg	329.762
	4100126202818	Water	m3	0.313
	2952160007200	Lifting equipment for finishing works	machine-hours	0.359
37	CN53A	Priming of interior wall surfaces	m2	312.60
	7141020013300	Painter	man-hours	10.785
	2416586105303 2	Primer	kg	46.89
	810741	Dry sandpaper	pcs	15.63
38	CN06A	Interior painting with vinyl copolymer water-based paint, applied in two coats over existing putty, executed manually	m2	312.60
	7141020013300	Painter	man-hours	197.72
	2430116103800	Vinyl copolymer-based paint	kg	125.04
	2653102100830	Building Plaster type A	kg	18.756
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	156.30
	1711317306661	Cleaning cotton cloth	kg	15.63
	4100116202818	Water for mortars and concrete	m3	0.625
<b>Total Type 2</b>				
<b>5.3. Type 3</b>				
39	CN53A	Priming of interior wall surfaces	m2	435.00
	7141020013300	Painter	man-hours	15.007
	2416586105303 2	Primer	kg	65.25

1	2	3	4	5
	810741	Dry sandpaper	pcs	21.75
40	CF50B	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar.	m2	435.00
	7122050013442	Plasterer	man-hours	610.305
	2653102100831	Dry mix	kg	3,105.90
	4100116202818	Water for mortars and concrete	m3	1.74
	2952160007200	Lifting equipment for finishing works	machine-hours	39.52
	2952240004021	Electric stirrer	machine-hours	8.004
41	CF17C	Miscellaneous works – application of a fiberglass mat layer on the surface of prefabricated AAC elements, bonded with adhesive, including primer coat	m2	435.00
	7122050013400	Bricklayer	man-hours	100.05
	2614122601913	Fiberglass mat, type 160 g/m <sup>2</sup>	m2	478.50
	2462106110132	PVA glue CPMB	kg	65.25
	4100116202818	Water for mortars and concrete	m3	0.13
42	CF57A	Manual application of gypsum-based finishing compound “Eurofin”, 1.0 mm thick, on wall, column and ceiling surfaces	m2	435.00
	7122050013401	Bricklayer cat.4	man-hours	225.112
	9310060019920	Service worker (construction works)	man-hours	50.025
	2653102100833	Plaster-based filler "Eurofin"	kg	458.881
	4100126202818	Water	m3	0.435
	2952160007200	Lifting equipment for finishing works	machine-hours	0.50
43	CN53A	Priming of interior wall surfaces	m2	435.00
	7141020013300	Painter	man-hours	15.007
	2416586105303 2	Primer	kg	65.25
	810741	Dry sandpaper	pcs	21.75
44	CN06A	Interior painting with vinyl copolymer water-based paint, applied in two coats over existing putty, executed manually	m2	435.00
	7141020013300	Painter	man-hours	275.137
	2430116103800	Vinyl copolymer-based paint	kg	174.00
	2653102100830	Building Plaster type A	kg	26.10
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	217.50
	1711317306661	Cleaning cotton cloth	kg	21.75

1	2	3	4	5
	4100116202818	Water for mortars and concrete	m3	0.87
<b>Total Type 3</b>				
<b>5.4. Type 4</b>				
45	CD72D	Flat partition walls made of gypsum plasterboard (GPB), thickness 100–150 mm, on a single metal frame, double-layer boarding on both sides with insulation, for heights up to 4 m (GPB thickness 12.5 mm, moisture-resistant, mineral wool thickness 100 mm)	m2	21.30
	9310060019930	Worker	man-hours	89.382
	2662102701000 1251	12.5 mm moisture-resistant gypsum plasterboard	m2	89.907
	2710703520284	Guide rail	m	24.51
	2710703520285	Support profile	m	47.094
	2521302602906 100	Mineral wool insulation boards, 100 mm (for partitions)	m2	22.049
	2523156720072	Sealing tape under profiles ("Dichtungsband")	m	26.116
	2513206621601	Rare mesh adhesive fabric tape ("Serpeanca"), width 5 cm, for reinforcement of gypsum board joints	m	64.862
	2430226102822	Gypsum-based joint compound ("Fugenfüller light")	kg	20.786
	2430226101017	"Tifengrund" primer	kg	3.746
	2051142950711	Wall plugs for fixing metal profiles	pcs	32.11
	2874115833873	Self-tapping screws for metal, M-25 × 3.5 mm	pcs	271.648
	2874115833876	Self-tapping screws for metal, M- 35x3.5 mm	pcs	629.993
	2681126001473	Sandpaper	m2	0.343
	2952160007200	Lifting equipment for finishing works	machine-hours	0.377
	2952270007609	Electric drill	machine-hours	2.295
46	CN53A	Priming of interior wall surfaces	m2	42.60
	7141020013300	Painter	man-hours	1.47
	2416586105303 2	Primer	kg	6.39
	810741	Dry sandpaper	pcs	2.13
47	CF50B	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar.	m2	42.60
	7122050013442	Plasterer	man-hours	59.768
	2653102100831	Dry mix	kg	304.164
	4100116202818	Water for mortars and concrete	m3	0.17
	2952160007200	Lifting equipment for finishing works	machine-hours	3.87
	2952240004021	Electric stirrer	machine-	0.784

1	2	3	4	5
			hours	
48	CF51B k=3	Interior plastering, 5 mm thick, applied manually using gypsum-based dry mix on walls and partitions, with manual preparation of mortar. Additional or reduced thickness for each 1.0 mm (added to or deducted from item CF50)	m2	-42.60
	7122050013442	Plasterer	man-hours	-35.273
	2653102100831	Dry mix	kg	-182.754
	4100116202818	Water for mortars and concrete	m3	-0.128
	2952160007200	Lifting equipment for finishing works	machine-hours	-2.352
	2952240004021	Electric stirrer	machine-hours	-0.441
49	CF17C	Miscellaneous works – application of a fiberglass mat layer on the surface of prefabricated AAC elements, bonded with adhesive, including primer coat	m2	21.30
	7122050013400	Bricklayer	man-hours	4.899
	2614122601913	Fiberglass mat, type 160 g/m <sup>2</sup>	m2	23.43
	2462106110132	PVA glue CPMB	kg	3.195
	4100116202818	Water for mortars and concrete	m3	0.006
50	CF57A	Manual application of gypsum-based finishing compound “Eurofin”, 1.0 mm thick, on wall, column and ceiling surfaces	m2	21.30
	7122050013401	Bricklayer cat.4	man-hours	11.023
	9310060019920	Service worker (construction works)	man-hours	2.45
	2653102100833	Plaster-based filler "Eurofin"	kg	22.469
	4100126202818	Water	m3	0.021
	2952160007200	Lifting equipment for finishing works	machine-hours	0.024
51	CN53A	Priming of interior wall surfaces	m2	21.30
	7141020013300	Painter	man-hours	0.735
	2416586105303 2	Primer	kg	3.195
	810741	Dry sandpaper	pcs	1.065
52	CN06A	Interior painting with vinyl copolymer water-based paint, applied in two coats over existing putty, executed manually	m2	21.30
	7141020013300	Painter	man-hours	13.472
	2430116103800	Vinyl copolymer-based paint	kg	8.52
	2653102100830	Building Plaster type A	kg	1.278

1	2	3	4	5
	2681126001472	Dry sandpaper, 23x30 gr 6	pcs	10.65
	1711317306661	Cleaning cotton cloth	kg	1.065
	4100116202818	Water for mortars and concrete	m3	0.043
53	CI22A	Wall cladding with ceramic tiles (on walls, columns, pilasters and window sills), fixed with adhesive (dry mix), tile dimensions up to 100 × 100 mm	m2	21.30
	9310060019930	Worker	man-hours	43.846
	2661112800700	Ceramic tiles	m2	21.943
	2664102102013	Dry-mix tile adhesive	kg	53.782
	2430226100000 1	Grout	kg	11.832
	2010237318700	Tile spacers	pcs	430.26
	4100126202818	Water	m3	0.022
	2952160007200	Lifting equipment for finishing works	machine-hours	0.22
	2952270003820	Electric stirrer	machine-hours	0.196
<b>Total Type 4</b>				
<b>5.5. Node "E", columns</b>				
54	CD07B	Walls made of corrugated galvanized steel panels fixed with self-tapping screws, installed at heights up to 6 m inclusive (HPL panel cladding, column cladding at Level 1)	m2	27.00
	7214240021810	Structural Steel Fitter	man-hours	31.05
	2732103646070 2	HPL Panels	m2	29.97
	2874125886734	Blind rivets	pcs	94.50
	2874115833878	Self-tapping screws 6.3x22 mm	pcs	75.60
	2922140007000	Crane	machine-hours	1.242
55	CD07B	Walls made of corrugated galvanized steel panels fixed with self-tapping screws, installed at heights up to 6 m inclusive (ACP - FR panel cladding)	m2	12.50
	7214240021810	Structural Steel Fitter	man-hours	14.375
	2732103646070 1	Aluminum Composite Panel ACP - FR	m2	13.875
	2874125886734	Blind rivets	pcs	43.75
	2874115833878	Self-tapping screws 6.3x22 mm	pcs	35.00
	2922140007000	Crane	machine-hours	0.575
56	CD07B	Walls made of corrugated galvanized steel panels fixed with self-tapping screws, installed at heights up to 6 m inclusive (HPL panel cladding)	m2	128.00

1	2	3	4	5
	7214240021810	Structural Steel Fitter	man-hours	147.20
	2732103646070 2	HPL Panels	m2	142.08
	2874125886734	Blind rivets	pcs	448.00
	2874115833878	Self-tapping screws 6.3x22 mm	pcs	358.40
	2922140007000	Crane	machine-hours	5.888
57	RCsP38F	Aluminum frame	t	0.201
	7214210026800	Structural steel erector	man-hours	9.362
	9310060019922	Service worker	man-hours	0.925
	2811106301200 1	Aluminum frame	kg	201.00
	2735725901235	Sheathed electrode E 51 2R 2x350 mm S 1125/2	kg	0.101
	2874115802501	Screw M 20	pcs	2.01
	2874115840601	Hex nut M20	pcs	2.01
	2874115883700	Washer M20	pcs	2.01
	2413547308164	Technical calcium carbide, S102	kg	0.024
	2411115904512	Technical oxygen gas, S2031	m3	0.036
	2811236309900	Metal fabrications	kg	0.201
	2410520006751	Mobile crane, 4.5 - 9.9 TF;	machine-hours	0.231
	3110500003004	Welding inverter 14 kw	machine-hours	0.116
<b>Total Node "E", columns</b>				
<b>Total Interior finishing works (walls)</b>				
		<b>6. Flooring</b>		
		<b>6.1. Type K-1</b>		
58	CG01A	Base layer for floors made of cement mortar M150, 3 cm thick, with finely trowelled surface (50–60 mm)	m2	1,495.00
	7132030012600	Mosaicist	man-hours	1,031.55
	9310060019920	Service worker (construction works)	man-hours	171.925
	2664102102010 150	Mortar M150	m3	49.335
	4100116202818	Water for mortars and concrete	m3	14.95
	2952160007200	Lifting equipment for finishing works	machine-hours	51.577
	2952270003817	200-liter electric mortar mixer	machine-hours	20.631
59	CG01A1 k=5	Base layer for floors made of cement mortar M150, 3 cm thick, with finely trowelled surface. Additional or reduced thickness for each 0.5 cm of base layer	m2	1,495.00

1	2	3	4	5
		made of M150 mortar (to be added accordingly)		
	7132030012600	Mosaicist	man-hours	859.625
	9310060019920	Service worker (construction works)	man-hours	171.925
	2664102102010 150	Mortar M150	m3	41.112
	4100116202818	Water for mortars and concrete	m3	14.95
	2952160007200	Lifting equipment for finishing works	machine-hours	25.789
	2952270003817	200-liter electric mortar mixer	machine-hours	12.894
60	CG56A	"Nivelir Universal" self-leveling compound: thickness 10 mm (design thickness 2–5 mm)	m2	1,495.00
	7132030012600	Mosaicist	man-hours	402.305
	2653102100828 1	Self-leveling mixture "Nivelir Universal"	kg	22 987,868
	2430226101017	"Tifengrund" primer	kg	135.223
	4100126202818	Water	m3	6.01
	2952240004021	Electric stirrer	machine-hours	72.209
	2952160007200	Lifting equipment for finishing works	machine-hours	17.192
61	CG56A1 k=6.5	Correction to standard CG56A: reduce 1 mm from the thickness:	m2	-1,495.00
	7132030012600	Mosaicist	man-hours	-257.028
	2653102100828 1	Self-leveling mixture "Nivelir Universal"	kg	-14 867,775
	4100126202818	Water	m3	-9.717
	2952240004021	Electric stirrer	machine-hours	-44.70
	2952160007200	Lifting equipment for finishing works	machine-hours	-11.175
62	CG50A	Installation of adhesive-backed porcelain stoneware flooring: tile sizes smaller than 40x40 cm	m2	1,495.00
	9310060019930	Worker	man-hours	4,115.885
	2670112202052	Porcelain Stoneware	m2	1,517.425
	2462106110554	Acrylic or latex resin-based adhesive	kg	6,428.50
	2430226100000 1	Grout	kg	299.00
	2881116002700	Grinding disc	pcs	29.90
	4100126202818	Water	m3	5.98
	2952270003205	Universal stone cutting machine	machine-hours	125.505
	2922140006702	Window crane	machine-hours	19.943
	2952270007607	Electric drill with auger bit	machine-	9.112

1	2	3	4	5
			hours	
<b>Total Type K-1</b>				
		<b>6.2. Type K-2 (stair landing and steps)</b>		
63	CI24A	Cladding of steps with bonded ceramic granite tiles, thickness under 15 mm (engineered stone 20 mm)	m2	39.00
	9310060019930	Worker	man-hours	172.897
	2670112202052 1	20 mm engineered stone slabs	m2	39.78
	2462106110554	Acrylic or latex resin-based adhesive	kg	226.20
	2653102100853	Primer	kg	5.85
	2430226100000 1	Grout	kg	7.80
	2881116002700	Grinding disc	pcs	0.78
	4100126202818	Water	m3	0.195
	2952270003205	Universal stone cutting machine	machine-hours	15.384
	2922140006702	Window crane	machine-hours	1.615
	2952270007607	Electric drill with auger bit	machine-hours	0.323
<b>Total Type K-2 (stair landing and steps)</b>				
		<b>6.3. Type K-3</b>		
64	CG56B	"Nivelir Universal" self-leveling compound: thickness 20 mm (design thickness 30 mm)	m2	223.00
	7132030012600	Mosaicist	man-hours	120.019
	2653102100828 1	Self-leveling mixture "Nivelir Universal"	kg	6 864,743
	2430226101017	"Tifengrund" primer	kg	20.19
	4100126202818	Water	m3	1.57
	2952240004021	Electric stirrer	machine-hours	21.542
	2952160007200	Lifting equipment for finishing works	machine-hours	5.129
65	CG56B1 k=10	Correction to standard CG56B: add 1 mm to the thickness:	m2	223.00
	7132030012600	Mosaicist	man-hours	58.983
	2653102100828 1	Self-leveling mixture "Nivelir Universal"	kg	3,413.947
	4100126202818	Water	m3	2.231
	2952240004021	Electric stirrer	machine-hours	10.258
	2952160007200	Lifting equipment for finishing works	machine-hours	2.565

1	2	3	4	5
66	CG50A	Installation of adhesive-backed porcelain stoneware flooring: tile sizes smaller than 40x40 cm	m2	223.00
	9310060019930	Worker	man-hours	613.941
	2670112202052	Porcelain Stoneware	m2	226.345
	2462106110554	Acrylic or latex resin-based adhesive	kg	958.90
	2430226100000 1	Grout	kg	44.60
	2881116002700	Grinding disc	pcs	4.46
	4100126202818	Water	m3	0.892
	2952270003205	Universal stone cutting machine	machine-hours	18.721
	2922140006702	Window crane	machine-hours	2.975
	2952270007607	Electric drill with auger bit	machine-hours	1.359
<b>Total Type K-3</b>				
<b>Total Flooring</b>				
		<b>7. Railings</b>		
67	CH06A applied	OG-1, Laminated glass railing (contains: stair post 1150 mm - 9 pcs, stair post 1030 mm - 4 pcs, handrail, d= 50 mm - 28 lm tempered laminated glass, 8.5 m <sup>2</sup> )	m	28.00
	7214240021810	Structural Steel Fitter	man-hours	28.98
	2812106305714 1	Laminated glass railing	m	28.00
	4011106202741	Electrical energy	kW	2.80
	2873155900800	Welding rods	kg	1.68
	2651122100402	Blast-furnace slag cement with additives M 30 bags, S1500	kg	19.60
	2430126103294	Red lead paint v.351-3 ntr 90-80	kg	0.70
	1010126200341	Blacksmith coal	kg	5.60
68	CH06A applied	OG-2, Laminated glass railing (contains: guide element - 27.9 lm, edge (framing) element - 27.9 lm, tempered laminated glass (triplex) - 30.7 m <sup>2</sup> )	m	27.90
	7214240021810	Structural Steel Fitter	man-hours	28.876
	2812106305714 1	Laminated glass railing	m	27.90
	4011106202741	Electrical energy	kW	2.79
	2873155900800	Welding rods	kg	1.674
	2651122100402	Blast-furnace slag cement with additives M 30 bags, S1500	kg	19.53
	2430126103294	Red lead paint v.351-3 ntr 90-80	kg	0.698
	1010126200341	Blacksmith coal	kg	5.58

1	2	3	4	5
69	CH06A applied	OG-3, Laminated glass railing (contains: stair post 1030 mm - 17 pcs, handrail, d= 50 mm - 14.6 lm 12 m <sup>2</sup> of tempered laminated glass)	m	14.60
	7214240021810	Structural Steel Fitter	man-hours	15.111
	2812106305714 1	Laminated glass railing	m	14.60
	4011106202741	Electrical energy	kW	1.46
	2873155900800	Welding rods	kg	0.876
	2651122100402	Blast-furnace slag cement with additives M 30 bags, S1500	kg	10.22
	2430126103294	Red lead paint v.351-3 ntr 90-80	kg	0.365
	1010126200341	Blacksmith coal	kg	2.92
<b>Total Railings</b>				
Total				
Social fund				
Total				
Transportation of materials				
Storage costs				
Direct costs				
Overheads				
Total				
Estimated profit				
Total				

**Total estimate:  
Including labor cost**