

Objective: Major repair and modernisation works on immovable property with cadastral numbers: 2901303.331.01-study block, 2901303.331.03-dormitory, 2901303.331.04-education and teaching building, with the development of the adjacent territory, located in Cimislia

Object: 2-1-12_AIVC_Study block

Local estimate

No. 2-1-12

Prepared in current prices

Estimate: Installation works						
No	Symbol standards and Resource code	Works and expenses	U.M	Quantity according to project data	Estimated value (Lei)	
					Per unit of measurement	Total
					Incl. salary	Incl. salary
1	2	3	4	5	6	7
		Chapter 1. Shield with mounting panel. ЩАВ1				
1.1	08-03-572-3	Cabinet-type control unit or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Shield with mounting panel ЩМП-4-2 36 УХЛ3 IP31)	pcs	1,0000		
1.2	08-03-526-2	Mono-, bi-, tri-pole automatic switch, mounted on wall or column structures, current up to 100 (load switch I _h =40A, BH32/2P/40A)	pcs	1,0000		
1.3	08-03-526-1	Single-pole, double-pole, triple-pole automatic switch, mounted on wall or column structures, current up to 25 A (automatic switch I _p =6A, BA47-29/1/B6)	pcs	1,0000		
1.4	10-08-003-03	Power supply and control unit (24 V DRAN120-24A UPS power supply unit)	pcs	1,0000		
1.5	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	12,0000		
1.6	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 77/3)	pcs	12,0000		
1.7	10-04-030-02	Intermediate relay 5A 24V, PЭК 78/3	pcs	6,0000		
1.8	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 78/3)	pcs	6,0000		
		TOTAL Chapter 1. Shield with mounting panel. ЩАВ1				
		Including salary				
		Chapter 2. Shield with mounting panel. ЩАВ2				
1.9	08-03-572-3	Cabinet-type control unit or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Shield with mounting panel ЩМП-3-2 36 УХЛ3 IP31)	pcs	1,0000		
1.10	08-03-526-2	Single-pole, two-pole, three-pole automatic switch, mounted on wall or column structures, current up to 100 (load switch I _h =40A, BH32/2P/40A)	pcs	1,0000		
1.11	08-03-526-1	Single-pole, double-pole, triple-pole automatic switch, mounted on wall or column structures, current up to 25 A (automatic switch I _p =6A, BA47-29/1/B6)	pcs	1,0000		
1.12	10-08-003-03	Power supply and control unit (24 V DRAN120-24A UPS power supply unit)	pcs	1,0000		
1.13	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	8,0000		
1.14	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 77/3)	pcs	8,0000		
1.15	10-04-030-02	Intermediate relay 5A 24V, PЭК 78/3	pcs	4,0000		
1.16	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 78/3)	pcs	4,0000		
		TOTAL Chapter 2. Shield with mounting panel. ЩАВ2				
		Including salary				

		Chapter 3. Shield with mounting panel. ЩАВ3				
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1.17	08-03-572-3	Cabinet-type control unit or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Щит с монтажной панелью ЩМП-4-2 36 УХЛ3 IP31)	pcs	1		
1.18	08-03-526-2	Mono-, bi-, tri-pole automatic switch, mounted on wall structures or column, current up to 100 (load switch I _н =40A, ВН32/2P/40A)	pcs	1.0000		
1.19	08-03-526-1	Mono-, bi-, tripolar automatic, mounted on wall or column, current up to 25 A (automatic switch I _р =6A, BA47-29/1/B6)	piece	1.0000		
1.20	10-08-003-03	Power supply and control unit (24 V power supply unit DRAN120-24A UPS)	pc	1		
1.21	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pc	12		
1.22	10-01-001-08	"ATCKY" central unit: Relay board with plug connection rigid mounting (socket for intermediate relay, PPM 77/3)	pc	12,000		
1.23	10-04-030-02	Intermediate relay 5A 24V, REC 78/3	pc	6.00		
1.24	10-01-001-08	"ATCKY" central unit: Relay board with plug connection rigid mounting (socket for intermediate relay, PPM 78/3)	pc	6.00		
		TOTAL Chapter 3. Shield with mounting panel. ЩАВ3				
		Including salary				
		Chapter 4. Shield with mounting panel. ЩАВ4				
1.25	08-03-572-3	Cabinet-type control unit or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Shield with mounting panel ЩМП-3-2 36 УХЛ3 IP31)	pcs	1,0000		
1.26	08-03-526-2	Single-pole, two-pole, three-pole automatic switch, mounted on wall structures or column, current up to 100 (load switch I _н =40A, ВН32/2P/40A)	pcs	1,0000		
1.27	08-03-526-1	Mono-, bi-, tripolar automatic switch, mounted on wall structures or column, current up to 25 A (automatic switch I _р =6A, BA47-29/1/B6)	pcs	1,0000		
1.28	10-08-003-03	Power supply and control unit (24 В DRAN120-24A power supply unit UPS)	pcs	1,0000		
1.29	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	6,0000		
1.30	10-01-001-08	"ATCKY" central unit equipment: Relay board with socket connection rigid mounting (socket for intermediate relay, PPM 77/3)	pcs	6,0000		
1.31	10-04-030-02	Intermediate relay 5A 24V, REC 78/3	pcs	3,0000		
1.32	10-01-001-08	"ATCKY" central unit equipment: Relay board with plug connection rigid mounting (socket for intermediate relay, PPM 78/3)	pcs	3,0000		
		TOTAL Chapter 4. Shield with mounting panel. ЩАВ4				
		Including salary				
		Chapter 5. Shield with mounting panel. ЩАВ5				
1.33	08-03-572-3	Cabinet-type control unit or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Щит с монтажной панелью ЩМП-2-1 36 УХЛ3 IP31)	pcs	1,0000		
1.34	08-03-526-2	Mono-, bi-, tri-pole automatic switch, mounted on wall structures or column, current up to 100 (load switch I _н =40A, ВН32/2P/40A)	pcs	1,0000		
1.35	08-03-526-1	Mono-, bi-, tripolar automatic, mounted on wall or column, current up to 25 A (automatic switch I _р =6A, BA47-29/1/B6)	pc	1,0000		
1.36	10-08-003-03	Power supply and control unit (24 V power supply unit DRAN120-24A UPS)	pcs	1,0000		

1.37	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	4,0000		
1.38	10-01-001-08	"ATCKY" central unit: Relay board with socket connection rigid mounting (socket for intermediate relay, PPM 77/3)	pcs	4,0000		
1.39	10-04-030-02	Intermediate relay 5A 24V, REC 78/3	pcs	2,0000		
1.40	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 78/3)	pcs	2,0000		
		TOTAL Chapter 5. Shield with mounting panel. ЩАВ5				
		Including salary				
		Chapter 6. Shield with mounting panel. ЩАВ6				
1.41	08-03-572-3	Cabinet-type control block or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Shield with mounting panel ЩМП-4-2 36 УХЛ3 IP31)	pcs	1,0000		
1.42	08-03-526-2	Mono-, bi-, tripolar automatic switch, mounted on wall or column structures, current up to 100 (load switch I n=40A, BH32/2P/40A)	pcs	1,0000		
1.43	08-03-526-1	Single-pole, double-pole, three-pole automatic switch, mounted on wall or column structures, current up to 25 A (automatic switch Ip.=6A, BA47-29/1/B6)	pcs	1,0000		
1.44	10-08-003-03	Power supply and control unit (24 В DRAN120-24A UPS power supply unit)	pcs	1,0000		
1.45	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	14,0000		
1.46	10-01-001-08	Central equipment "ATCKY": Relay board with rigid connection power sockets (socket for intermediate relay, PPM 77/3)	pcs	14,0000		
1.47	10-04-030-02	Intermediate relay 5A 24V, PЭК 78/3	pcs	7,0000		
1.48	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 78/3)	pcs	7,0000		
		TOTAL Chapter 6. Shield with mounting panel. ЩАВ6				
		Including salary				
		Chapter 7. Shield with mounting panel. ЩАВ7				
1.49	08-03-572-3	Cabinet-type control panel or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600 (Щит с монтажной панелью ЩМП-3-2 36 УХЛ3 IP31)	pcs	1,0000		
1.50	08-03-526-2	Single-pole, two-pole, three-pole automatic switch, mounted on wall or column structures, current up to 100 (load switch I _n =40A, BH32/2P/40A)	pcs	1,0000		
1.51	08-03-526-1	Single-pole, double-pole, three-pole automatic switch, mounted on wall or column structures, current up to 25 A (automatic switch Ip.=6A, BA47-29/1/B6)	pcs	1,0000		
1.52	10-08-003-03	Power supply and control unit (24 В DRAN120-24A UPS power supply unit)	pcs	1,0000		
1.53	10-04-030-02	Intermediate relay 10A 220V, REC 77/3	pcs	8,0000		
1.54	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 77/3)	pcs	8,0000		
1.55	10-04-030-02	Intermediate relay 5A 24V, PЭК 78/3	pcs	4,0000		
1.56	10-01-001-08	ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 78/3)	pcs	4,0000		
		TOTAL Chapter 7. Shield with mounting panel. ЩАВ7				
		Including salary				
		Chapter 8. Miscellaneous works				
1.57	08-03-591-2	Single-pole switch, flush-mounted, for enclosed installation.	100 pcs	0,3200		
1.58		Single-key switches for ventilation	pcs	32,0000		

1.59	08-02-148-1	Cable up to 35 kV in pipes, blocks and boxes, length 1 m up to: 1 kg.	100 m	26,0000		
1.60		KVVGng-LSLTx cable, cross-section 4x1.5 mm²	m	2600,0000		
1.61	08-02-409-1	Vinyl plastic pipe on installed structures, on walls and columns, fastened with clamps, diameter up to 25 mm.	100 m	24,0000		
1.62		Corrugated PVC pipe Ø20 mm	m	2400,0000		
1.63	08-02-407-1	Steel pipe for wall-mounted constructions, clamp fastening, diameter up to 25 mm.	100 m	0,2000		
1.64		Electro-welded straight seam steel pipe Ø20mm	m	20,0000		
		TOTAL Chapter 8. Miscellaneous works				
		Including wages				

Total		
Social insurance		24,0000%
Total		
Transport expenses		%
Total		
Storage expenses		%
Total		
Overhead expenses		%
Total		
Estimated profit		%

Total Estimate without VAT	
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Estimate: Equipment						
No	Symbol standards and resource code	Works and expenses	U.M	Quantity according to project data	Estimated value (Lei)	
					Per unit of measureme	Total
					Incl. salary	Incl. salary
1	2	3	4	5	6	7
		Chapter 1. Shield with mounting panel. ЩАВ1				
2.1		Panel with mounting panel ЩМП-4-2 36 УХЛ3 IP31	pcs	1,0000		
2.2		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.3		Automatic switch Ip.=6A, VA47-29/1/B6	pcs	1,0000		
2.4		24 V power supply DRAN120-24A UPS	pcs	1,0000		
2.5		10A 220V intermediate relay, REC 77/3	pcs	12,0000		
2.6		Socket for intermediate relay, PPM 77/3	pcs	12,0000		
2.7		Intermediate relay 5A 24V, REC 78/3	pcs	6,0000		
2.8		Socket for intermediate relay, PPM 78/3	pcs	6,0000		
		TOTAL Chapter 1. Shield with mounting panel. ЩАВ1				
		Including salary				
		Chapter 2. Shield with mounting panel. ЩАВ2				
2.9		Shield with mounting panel ЩМП-3-2 36 УХЛ3 IP31	pcs	1,0000		
2.10		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.11		Automatic switch Ip.=6A, BA47-29/1/B6	pcs	1,0000		
2.12		24 V power supply DRAN120-24A UPS	pcs	1,0000		

2.13		10A 220V intermediate relay, REC 77/3	pcs	8,0000		
2.14		Socket for intermediate relay, PPM 77/3	pcs	8,0000		
2.15		Intermediate relay 5A 24V, REC 78/3	pcs	4,0000		
2.16		Socket for intermediate relay, PPM 78/3	pcs	4,0000		
		TOTAL Chapter 2. Shield with mounting panel. ЩАВ2				
		Including salary				
		Chapter 3. Shield with mounting panel. ЩАВ3				
2.17		Shield with mounting panel ЩМП-4-2 36 УХЛ3 IP31	pcs	1.00		
2.18		Load switch I=40A, VN32/2R/40A	pcs	1		
2.19		Automatic switch Ip.=6A, BA47-29/1/B6	pcs	1		
2.20		24 V power supply DRAN120-24A UPS	pcs	1		
2.21		Intermediate relay 10A 220V, REC 77/3	pcs	12		
2.22		Socket for intermediate relay, PPM 77/3	pcs	12		
2.23		Intermediate relay 5A 24V, REC 78/3	pc	6.00		
2.24		Socket for intermediate relay, PPM 78/3	pcs	6		
		TOTAL Chapter 3. Shield with mounting panel. ЩАВ3				
		Including salary				
		Chapter 4. Shield with mounting panel. ЩАВ4				
2.25		Shield with mounting panel ЩМП-3-2 36 УХЛ3 IP31	pcs	1,0000		
2.26		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.27		Automatic switch Ip.=6A, VA47-29/1/B6	pcs	1,0000		
2.28		24 V power supply DRAN120-24A UPS	pcs	1,0000		
2.29		Intermediate relay 10A 220V, REC 77/3	pcs	6,0000		
2.30		Socket for intermediate relay, PPM 77/3	pcs	6,0000		
2.31		Intermediate relay 5A 24V, REC 78/3	pcs	3,0000		
2.32		Socket for intermediate relay, PPM 78/3	pcs	3,0000		
		TOTAL Chapter 4. Shield with mounting panel. ЩАВ4				
		Including salary				
		Chapter 5. Shield with mounting panel. ЩАВ5				
2.33		Shield with mounting panel ЩМП-2-1 36 УХЛ3 IP31	pcs	1,0000		
2.34		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.35		Automatic switch Ip.=6A, VA47-29/1/B6	pcs	1,0000		
2.36		24 V power supply DRAN120-24A UPS	pcs	1,0000		
2.37		Intermediate relay 10A 220V, REC 77/3	pcs	4,0000		
2.38		Socket for intermediate relay, PPM 77/3	pcs	4,0000		

2.39		Intermediate relay 5A 24V, REC 78/3	pcs	2,0000		
2.40		Socket for intermediate relay, PPM 78/3	pcs	2,0000		

		TOTAL Chapter 5. Shield with mounting panel. ЩАБ5				
		Including salary				
		Chapter 6. Shield with mounting panel. ЩАБ6				
2.41		Shield with mounting panel ЩМП-4-2 36 УХЛ3 IP31	pcs	1,0000		
2.42		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.43		Automatic switch Ip.=6A, VA47-29/1/B6	pcs	1,0000		
2.44		24 V power supply DRAN120-24A UPS	pcs	1,0000		
2.45		Intermediate relay 10A 220V, REC 77/3	pcs	14,0000		
2.46		Socket for intermediate relay, PPM 77/3	pcs	14,0000		
2.47		Intermediate relay 5A 24V, REC 78/3	pcs	7,0000		
2.48		Socket for intermediate relay, PPM 78/3	pcs	7,0000		
		TOTAL Chapter 6. Shield with mounting panel. ЩАБ6				
		Including salary				
		Chapter 7. Shield with mounting panel. ЩАБ7				
2.49		Shield with mounting panel ЩМП-3-2 36 УХЛ3 IP31	pcs	1,0000		
2.50		Load switch I=40A, VN32/2R/40A	pcs	1,0000		
2.51		Automatic circuit breaker Ip.=6A, BA47-29/1/B6	pcs	1,0000		
2.52		24 V power supply DRAN120-24A UPS	pcs	1,0000		
2.53		Intermediate relay 10A 220V, REC 77/3	pcs	8,0000		
2.54		Socket for intermediate relay, PPM 77/3	pcs	8,0000		
2.55		Intermediate relay 5A 24V, REC 78/3	pcs	4,0000		
2.56		Socket for intermediate relay, PPM 78/3	pcs	4,0000		
		TOTAL Chapter 7. Shield with mounting panel. ЩАБ7				
		Including salary				

Total	
Storage expenses	%
Total Estimate without VAT	

Prepared by:

(position, signature, surname, first name)

Verified:

(position, signature, surname, first name)