

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: 2-1-7_SI_Study block

Local estimate No. 2-1-7

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 measureme	Total
					Incl. salary	Incl. salary
1	2	3	4	5	6	7
		Chapter 1. Automatic fire alarm system				
1.1	10-08-001-06	Receiving devices: "PIC" receiving, control and signalling devices. Concentrator: base block for 10 rays (Control panel for fire alarm and voice evacuation SACE: IFM2L module 2 expandable loops; PA/VA controller; 250W PRCAB+ amplifier; IFAMPSU; IFAMAMP; IFAMEVAC; FPAMIAS; PTT microphone 1000W power supply (PREVIA UltraVox or analogue)	pcs	1		
1.2	10-08-001-05	Receiving devices: "PIC" device for: 1 beam (LSD receiving panel for the control unit, type PREVIDIA-C-REP or similar)	pcs	1		
1.3	10-01-039-06	Module with 2 detection loops for fire control panel, type IFM2L or similar	pcs	1		
1.4	10-01-039-06	Module with 4 relay outputs, for installation in the fire control panel, type IFM4R or similar	pcs	3		
1.5	10-01-039-06	RS485 communication module, type, IFMNET type or analogue	pcs	1		
1.6	10-01-039-06	3G module and PSTN transmitter, IFMDIAL or analogue type	pcs	1		
1.7	10-01-039-06	Addressable module with one input and one supervised output, EM312SR type or analogue	pcs	5		
1.8	08-01-121-1	Stationary acid accumulator, type: C-1, CK-1 (Accumulator batteries, UL92V2 12V, 40A/H)	pcs	3		
1.9	10-08-002-02	Automatic "PIC" alarms: smoke, photoelectric, radioisotope, light in normal operation (Optical smoke detector, addressable (+10%), type ED100) or analogue	pcs	306		
1.10	10-01-039-06	LED indicator (+10%), type IL0010 or similar	pcs	56		
1.11	10-01-039-06	Detector base (+10%), type EB0010 or similar	pcs	306		
1.12	10-08-002-02	Automatic "PIC" alarms: smoke, photoelectric, radioisotope, light in normal operation (Manual fire alarm trigger, addressable (+10%) type EC0020) or similar	pcs	22		
1.13	10-08-003-02	Ultrasonic devices: monoblock ultrasonic device (addressable optical-acoustic alarm device, outdoor type, ES0020RE) or analogue	pcs	1		
1.14	10-01-039-06	Addressable micromodule with one supervised input/output, Enea protocol, type EU311 or analogue.	pcs	1		
1.15	11-04-004-01	Ceiling device (autonomous powder extinguishing module, TUNGUS type)	pcs	1		
1.16	08-02-412-1	Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, cross-section up to 2.5 mm².	100 m	37.20		
1.17		Shielded fire alarm cable, fire resistant with copper wires 1x2x1.5 (+10%) (JE-H(st)H1x.2x1.5 FE180/E30-90)	m	3,700		
1.18		CYYF 3x1.5 copper power cable	m	20		

1.19	08-02-409-2	Vinylplast pipe for installed structures, on walls and columns, fastened with clamps, diameter up to 50 mm.	100 m	0.25		
1.20		PVC (polyvinyl chloride) pipe D=50mm	m	25		
1.21	08-02-409-1	Vinyl plastic pipe on installed structures, on walls and columns, fastened with clamps, diameter up to 25 mm.	100 m	31		
1.22		PVC polyvinyl chloride pipe D=20mm	m	3,000		
1.23		Insulated corrugated metal pipe D=18mm	m	150		
1.24	IC11F	Longitudinally welded black steel pipe for installations, unthreaded, mounted by welding in columns, in central heating installations for residential and social-cultural buildings, pipe with a diameter of 2" (Steel pipe diam. 50mm (protective sleeve))	m	6.5		
1.25	CL18A	Various metal structures made of rolled profiles, sheet metal, corrugated sheet metal, concrete steel, pipes for supports or coverings, totally or partially embedded in concrete. (Fastening material).	kg	30		
		TOTAL Chapter 1. Automatic fire alarm system				
		Including salary				

Total	
Social insurance	24.0000%
Total	
Transport expenses	%
Total	
Storage expenses	%
Total	
Overhead expenses	%
Total	
Estimated profit	%

Total estimate excluding 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 measurement	Total
					Incl. salary	Incl. salary
1	2	3	4	5	6	7
		Chapter 1. Automatic fire alarm system				
2.1		Control panel for fire alarm and voice evacuation SACE: IFM2L module 2 expandable loops; PA/VA controller; 250W PRCAB+ amplifier; IFAMPSU; IFAMAMP; IFAMEVAC; FPAMIAS; PTT microphone 1000W power supply (PREVIA UltraVox or analogue)	pcs	1		
2.2		LSD receiver panel for the control unit, PREVIDIA-C-REP type or similar	pcs	1		
2.3		Module with 2 detection loops for fire control panel, type IFM2L or analogue	pcs	1		
2.4		Module with 4 relay outputs, for installation in the fire control panel, type IFM4R or similar	pcs	1		
2.5		RS485 communication module, type IFMNET or similar	pcs	1		
2.6		3G module and PSTN transmitter, IFMDIAL type or analogue type	pcs	1		
2.7		Addressable module with one input and one supervised output, EM312SR type or analogue	pcs	5		
2.8		Rechargeable batteries, UL92V2 12V, 40A/H	pcs	3		

2.9		Optical smoke detector, addressable (+10%), type ED100 or analogue	pcs	337		
2.10		Detector base (+10%), type EB0010 or analogue	pcs	337		
2.11		LED indicator (+10%), type IL0010 or similar	pcs	62		
2.12		Manual fire alarm trigger, addressable (+10%), type EC0020 or similar	pcs	24		
2.13		Addressable optical-acoustic alarm device, outdoor type, ES0020RE or similar	pcs	1		
2.14		Addressable micromodule with one supervised input/output, Enea protocol, type EU311 or similar	pcs	1		
2.15		Autonomous powder extinguishing module, type ТУНГУС	pcs	1		
		TOTAL Chapter 1. Automatic fire alarm system				
		Including salary				

Total	
Storage expenses	%
Total Estimate excluding VAT	

Prepared by:

(position, signature, surname, first name)

Verified:

(position, signature, surname, first name)