

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 Cimisia

Object: 2-1-14_ASM_Study block

Local estimate

No. 2-1-14

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. SH | | | | |
| 1.1 | 08-03-573-5 | Suspended control cabinet (console), height, width and depth, mm (Panel with mounting panel ШМП-4-0) | pcs | 1,0000 | | |
| 1.2 | 08-03-526-2 | Single-pole, two-pole, three-pole automatic switch, mounted on wall or column structures, current up to 100 (load switch IH=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 Ip.=6A, BA47-29/1/B6) | pcs | 5,0000 | | |
| 1.4 | 10-04-030-02 | Intermediate relay 10A 24V, PЭК 77/4 | pc | 3,0000 | | |
| 1.5 | 10-01-001-08 | ATS KU central unit: Relay board with rigid connection power socket (socket for intermediate relay, PPM 77/4) | pcs | 3,0000 | | |
| 1.6 | 10-04-030-02 | Intermediate relay 10A 220V, PЭК 77/3 | pcs | 12,0000 | | |
| 1.7 | 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 | | |
| 1.8 | 10-04-030-02 | Multifunctional 220V AC ORT M1 time relay | pcs | 1,0000 | | |
| 1.9 | 10-02-016-01 | Devices (Electronic timer ТЭ-15) | pcs | 2,0000 | | |
| 1.10 | 08-01-081-1 | Control and signalling device | pcs | 1,0000 | | |
| 1.11 | | Green "Start" button 1z+1p d22mm SB-7 | pcs | 1,0000 | | |
| 1.12 | 08-03-526-1 | Mono-, bi-, tripolar automatic switch, mounted on wall or column structures, current up to 25 A. (Switch 10A "0-1-2-3" PK-1-121) | pcs | 2,0000 | | |
| 1.13 | 08-03-526-1 | Single-, double-, triple-pole automatic switch, mounted on wall or column structures, current up to 25 A. (Переключатель 10A «1-0-2» ПК-1-21) | pcs | 1,0000 | | |
| 1.14 | 08-03-575-1 | Devices and appliances (Voltmeter indicator, 22 mm, ~220 V) | pcs | 1,0000 | | |
| 1.15 | 10-04-030-02 | Additional installation of parts on consoles and panels: AD-22DS light signal indicator | pcs | 4,0000 | | |
| 1.16 | | Light signal indicator, red, ~220V (AD-22DS) | pcs | 4,0000 | | |
| 1.17 | 10-04-030-02 | Additional installation of parts on consoles and panels: Diode, ~220B Д226Б OCT336.206. | pcs | 4,0000 | | |
| 1.18 | | Diode, ~220V Д226Б OCT336.206. | pcs | 4,0000 | | |
| | | TOTAL Chapter 1. Shield with mounting panel. | | | | |
| | | Including salary | | | | |

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| | | Chapter 2. Electronic regulator | | | | |
| 1.19 | 10-08-001-01 | Receiving devices: Electronic regulator – 230 V ECL Comfort 110 complete with mounting kit; Key | pc | 1,0000 | | |
| | | (programme) application 130; ESMT outdoor temperature sensor; ESMB-12 surface-mounted temperature sensor; Protective sleeve for ESMB-12, L=100 mm, stainless steel | | | | |
| | | TOTAL Chapter 2. Electronic controller | | | | |
| | | Including salary | | | | |
| | | Chapter 3. Miscellaneous works | | | | |
| 1.20 | 10-08-003-4 | Ultrasound devices: converter (GSM module with antenna, with power supply, (2DI+2DO)) | pc | 1,0000 | | |
| 1.21 | 08-02-148-1 | Cable up to 35 kV in pipes, blocks and boxes, length 1 m up to: 1 kg. | 100 m | 1,4000 | | |
| 1.22 | | KVVGng-LSLTx cable, cross-section 4x1mm ² | m | 20,0000 | | |
| 1.23 | | KVVGng-LSLTx cable, cross-section 4x1.5 mm ² | m | 60,0000 | | |
| 1.24 | | KVVGng-LSLTx cable, cross-section 5x1.5 mm ² | m | 60,0000 | | |
| 1.25 | 08-02-409-1 | Vinyl plastic pipe for installed structures, on walls and columns, fastened with clamps, diameter up to 25 mm. | 100 m | 1,0000 | | |
| 1.26 | | Corrugated PVC pipe Ø20 mm | m | 100,0000 | | |
| 1.27 | 08-02-407-1 | Steel pipe for wall-mounted structures, clamp fastening, diameter up to 25 mm. | 100 | 0,1000 | | |
| 1.28 | | Ø15 mm steel water and gas pipe | m | 10,0000 | | |
| | | TOTAL Chapter 3. Miscellaneous works | | | | |
| | | Including salary | | | | |

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|-------------------------|----------|
| Total | |
| Social insurance | 24,0000% |
| Total | |
| Transportation expenses | % |
| Total | |
| Storage expenses | % |
| Total | |
| Overhead expenses | % |
| Total | |
| Estimated profit | % |

| | |
|-----------------------------------|--|
| Total Estimate without VAT | |
|-----------------------------------|--|

| 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. Shield with mounting panel. SH | | | | |
| 2.1 | | Shield with mounting panel ШМП-4-0 | 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 | 5,0000 | | |
| 2.4 | | Intermediate relay 10A 220V, REC 77/4 | pcs | 3,0000 | | |
| 2.5 | | Socket for intermediate relay, PPM 77/4 | pcs | 3,0000 | | |
| 2.6 | | Intermediate relay 10A 220V, REC 77/3 | pcs | 12,0000 | | |

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|------|--|---|-----|---------|--|--|
| 2.7 | | Socket for intermediate relay, PPM 77/3 | pcs | 12,0000 | | |
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| 2.8 | | Multifunctional time relay 220V AC ORT M1 | pcs | 1,0000 | | |
| | | | | | | |
| 2.9 | | Electronic timer TЭ-15 | pcs | 2,0000 | | |
| | | | | | | |
| 2.10 | | 10A "0-1-2-3" switch PK-1-121 | pcs | 2,0000 | | |
| | | | | | | |
| 2.11 | | 10A switch "1-0-2" PK-1-21 | pcs | 1,0000 | | |
| | | | | | | |
| 2.12 | | Voltmeter indicator, 22 mm, ~220 V | pcs | 1,0000 | | |
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| | | TOTAL Chapter 1. Shield with mounting panel. | | | | |
| | | Including salary | | | | |
| | | Chapter 2. Electronic regulator | | | | |
| 2.13 | | Electronic controller – 230 V ECL Comfort 110 complete with mounting kit; Key (program) attachment 130; ESMT outdoor temperature sensor; ESMB-12 surface-mounted temperature sensor; Protective sleeve for ESMB-12, L=100 mm, stainless steel | set | 1,0000 | | |
| | | | | | | |
| | | TOTAL Chapter 2. Electronic controller | | | | |
| | | Including salary | | | | |
| | | Chapter 3. Miscellaneous works | | | | |
| 2.14 | | GSM module with antenna, with power supply unit, (2DI+2DO) | pcs | 1,0000 | | |
| | | | | | | |
| | | TOTAL Chapter 3. Miscellaneous works | | | | |
| | | Including salary | | | | |

| | | |
|-------------------------------------|--|---|
| Total | | |
| Storage expenses | | % |
| Total Estimate excluding VAT | | |

Prepared by:

(position, signature, surname, first name)

Verified:

(position, signature, surname, first name)