

**Reconstruction and modernisation of I.P.
"Emil Nicula" Theoretical High School, land
no. cad. 1034320.065, with the addition of
auxiliary buildings, located in Mereni village,
str. Stefan cel Mare si Sfint, no. 104**

(name of the project)

Form No. 7
WinCmeta

LOCAL ESTIMATE № 2-3-8

Fire alarm system. Block D (2506-Sav)

Estimate value lei

Prepared in current prices: 20.10.2025

| № No | Symbol standards and Code resources | Works and expenses | U.M. | Quantity according to project data | Estimated value, lei | |
|---------|---|--|-------|--|--|-----------------------|
| | | | | | Per unit of measurement incl. salary | Total incl. salary |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | 1. Construction works | | | | |
| 1 | RpCU05F1 | Execution of penetrations for pipes or tie rods in stone or reinforced concrete walls 16-25 cm thick, for the execution of mechanised penetrations | pc | 30.00 | | |
| 2 | RpCU05I1 | Execution of holes for pipes or tie rods in stone or reinforced concrete walls 26-50 cm thick, for mechanised hole execution. | pc | 30.00 | | |
| 3 | RpEJ09A | Filling holes in walls with plaster mortar | pc | 60.00 | | |
| 4 | RpEJ08C | Making grooves up to 5 cm deep in stone or reinforced concrete walls measuring 5x50 cm | m | 50.00 | | |
| 5 | RpEJ09D | Filling trenches in walls up to 50 cm ² | m | 50.00 | | |
| | | <i>Total</i> | lei | | | |
| | | <i>Social insurance</i> | 24% | | | |
| | | <i>Transport expenses</i> | % | | | |
| | | <i>Supply and storage expenses</i> | % | | | |
| | | <i>Total</i> | | | | |
| | | <i>Overhead expenses</i> | % | | | |
| | | <i>Total</i> | | | | |
| | | <i>Benefit of estimate</i> | % | | | |
| | | Total Construction works Including salary | | | | |
| | | 2. Installation works | | | | |
| 6 | 08-02-409-1 | Vinyl plastic pipe on installed structures, on walls and columns, fastened with clamps, diameter up to 25 mm | 100 m | 2.60 | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|----------------|---|-------|--------|---|---|
| 7 | supplier price | Corrugated PVC pipe with probe, crush resistance 750N, d=20 mm | m.l. | 260.00 | | |
| 8 | 08-02-390-1 | Plastic ducts with cover, section 25x16(h) mm, including all necessary accessories (elbows, plugs, tees, crosses, etc.) | 100 m | 0.60 | | |
| 9 | 08-02-152-3 | Metal cable structures: welded construction | t | 0.01 | | |
| 10 | 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 mm ² | 100 m | 0.50 | | |
| 11 | supplier price | Audio cable with copper conductors with a fire resistance limit of at least 90 minutes, FE180 E30, type -HF(A)-FRHF in accordance with GOST 31565-2012, cross-section 2x1.0 mm ² | m.l. | 50.00 | | |
| 12 | 08-02-412-2 | Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, cross-section up to 6 mm ² | 100 m | 5.00 | | |
| 13 | supplier price | Audio cable with copper conductors with a fire resistance limit of at least 90 minutes, FE180 E30, type -HF(A)-FRHF in accordance with GOST 31565-2012, cross-section 2x2.5 mm ² | m.l. | 420.00 | | |
| 14 | supplier price | Shielded cable with solid copper conductors, type FTP cat. 5e 4x2x24AWG (0.50 mm ²), halogen-free, FE180 / E30 in accordance with STAS 31565-2012 | m.l. | 100.00 | | |
| 15 | 08-02-412-3 | Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, total cross-section up to 16 mm ² | 100 m | 0.20 | | |
| 16 | supplier price | Audio cable with copper conductors with a fire resistance limit of at least 90 minutes, FE180 E30, type -HF(A)-FRHF in accordance with GOST 31565-2012, cross-section 2x4 mm ² | m.l. | 20.00 | | |
| 17 | 10-08-019-01 | Wall junction box | pc | 56.00 | | |
| 18 | supplier price | Junction/connection box with 0.5 - 2.5 mm ² contacts | pc | 56.00 | | |
| 19 | 10-04-030-04 | Additional installation of parts in panels: PDU (Power distribution unit) | pc | 1.00 | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|----------------|--|----------|-------|---|---|
| 20 | 10-08-003-03 | Power supply and control unit - UPS 19" | pc | 1.00 | | |
| 21 | 10-08-003-07 | IP amplifier, 19" | set | 1.00 | | |
| 22 | 10-04-064-01 | Table equipment: Microphone console | pc | 1.00 | | |
| 23 | 10-04-101-07 | Subscriber equipment - Speaker | pc | 56.00 | | |
| | | <i>Total</i> | lei | | | |
| | | <i>Social insurance</i> | 24% | | | |
| | | <i>Transport expenses</i> | % | | | |
| | | <i>Supply and storage expenses</i> | % | | | |
| | | <i>Total</i> | | | | |
| | | <i>Overhead expenses</i> | % | | | |
| | | <i>Total</i> | | | | |
| | | <i>Estimated profit</i> | % | | | |
| | | Total Installation work Including salary | | | | |
| | | 3. Equipment | | | | |
| 24 | bidder's price | IP amplifier, 19", RJ45, USB; 100Mbps; TCP/IP, UDP; 16 bits; 8KHz~48KHz; AUX Output Impedance: 470 Ohm; SNR: >65dB; 100 V; Rated Power: 350W, Power Consumption: 540W type T-77350B or similar according to specifications | assembly | 1.00 | | |
| 25 | bidder's price | IP microphone, RJ45, 100Mbps, TCP/IP, UDP, IGMP (Multicast); MP3; Sampling Rate: 8K~48KHz; Audio Mode: 16 bit CD quality; Display Touch Screen Size: 7-inch; virtual QWERTY Keyboard; 4?,2W; SNR: >65dB; LINE OUT Output Level: 1000mV; LINE OUT Output Impedance: 470 Ohm; LINE IN Input Sensitivity: 350mV; power adapter ~190-240V, 50-60Hz type T-7702A or similar according to specifications | assembly | 1.00 | | |
| 26 | bidder's price | UPS, 19", 1U, 1150 VA/770 W, Length/Depth max. 440 mm, output min. 6 x IEC C13 sockets, 220V/230V/240V | assembly | 1.00 | | |
| 27 | bid price | PDU (Power distribution unit), 1U, 16A, 200-240V, 50/60Hz, Out-min. 4xCEE 7/3, In-UPS plug 1xIEC 14, horizontal mounting 19" rack, with safety button | assembly | 1.00 | | |
| 28 | bidder's price | Indoor wall-mounted speaker, fireproof, 3/6 W, 90 dB, 100 V with EN54-24 certificate, type VA-700EN or similar according to characteristics | assembly | 40.00 | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|----------------|---|--------------|-------|---|---|
| 29 | bidder's price | Indoor ceiling speaker, fireproof, D=162 mm, 3/6 W, 90 dB, 100 V with EN54-24 certificate, type T-565 or similar according to characteristics | assem bly | 14.00 | | |
| 30 | bidder's price | Outdoor wall-mounted speaker, column type, IP66, 10 W, 93 dB, 100 V with EN54-24 certificate, type T-902B or similar according to characteristics | assem bly | 2.00 | | |
| | | Total | lei | | | |
| | | Supply and storage expenses | % | | | |
| | | Total Equipment Including salary | | | | |
| | | 4. Adjustment and start-up work | | | | |
| 31 | 1-10-001-1 | Collection and processing of information signals from protection devices, automatic electrical and technological control systems | signal | 58.00 | | |
| | | Total | lei | | | |
| | | Social insurance | 24% | | | |
| | | Total | | | | |
| | | Overhead costs | % | | | |
| | | Total | | | | |
| | | Estimated profit | % | | | |
| | | Total Adjustment and start-up works Including salary | | | | |
| | | Total | lei | | | |
| | | Total estimate: Including salary | | | | |