

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

(name of the objective)

Form No. 7
WinCmeta

LOCAL ESTIMATE № 2-3-4
Interior electrical networks. Block D (2506-1-IEI/EEF)

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	RpEJ08B	Execution of trenches with a depth of up to 5 cm in plain concrete walls measuring 5x50 cm	m	1,100.00		
2	RpEJ09D	Filling trenches in walls up to 50 cm ² in size.	m	1,100.00		
3	RpEJ08E	Execution of trenches with a depth of up to 5 cm in plain concrete walls of 5x100 cm ²	m	51.00		
4	RpEJ09E	Filling trenches in walls between 50 and 100 cm ²	m	51.00		
5	RpCU05A1	Execution of openings for pipes or tie rods, for reinforcement, in walls or floors made of brick masonry up to 15 cm thick, for the execution of mechanised openings	pc	620.00		
6	RpCU07A	Filling holes in walls with plaster mortar after installation or reinforcement works.	pcs	620.00		
		<i>Total</i>	lei			
		<i>Social insurance</i>	24%			
		<i>Transport expenses</i>	%			
		<i>Supply and storage expenses</i>	%			
		<i>Total</i>				
		<i>Overhead costs</i>	%			
		<i>Total</i>				
		<i>Estimated profit</i>	%			
		Total Construction works Including salary				
		2. Installation works				
		2.1. Panels, cabinets				
7	10-04-030-04	Additional installation of parts on desks and panels: Distribution block	pcs	3.00		
8	08-03-572-2	Cabinet-type control block or distribution point (cabinet), wall-mounted, height and width, mm, up to 600x600	pcs	17.00		
9	08-03-526-2	Three-pole automatic switch, mounted on wall or column	pc	5.00		

1	2	3	4	5	6	7
		structures, current up to 100 - load switch				
10	08-03-526-1	Three-pole automatic switch, mounted on wall or column structures, current up to 25 A - load switch	pc	12.00		
11	08-03-575-1	Device - automatic switches	pcs	59.00		
12	08-03-575-1	Device - differential switches	pc	76.00		
13	08-01-080-2	Measuring and protection device, number of connected terminals up to: 6	pcs	4.00		
14	08-03-575-1	Device - auxiliary contacts	pc	4.00		
15	08-01-056-1	Disconnecter, voltage up to 10 kV, current up to 600 A	pc	17.00		
16	08-03-575-1	Device - modular contactor	pc	4.00		
17	10-08-003-06	Devices: power supply unit	pcs	6.00		
18	10-08-003-06	Devices: control unit	pcs	6.00		
19		The icon on the panel	pc	17.00		
		<i>Total</i>	lei			
		Total Panels, cabinets Including salary				
		2.2. Cable laying elements				
20	08-02-409-1	Vinyl plastic pipe on installed structures, on walls and columns, fastened with clamps, diameter up to 25 mm	100 m	109.80		
21		Flexible spiral pipe with self-extinguishing properties, does not propagate flame, U-PVC 750N ϕ 16	m	150.00		
22		Flexible spiral pipe with self-extinguishing properties, does not propagate flame, U-PVC 750N ϕ 20	m	5,040.00		
23		Flexible spiral pipe with self-extinguishing properties, does not propagate flame, U-PVC 750N ϕ 25	m	5,790.00		
24	08-02-409-2	Vinyl plastic pipe for installed structures, on walls and columns, fastened with clamps, diameter up to 50 mm	100 m	0.70		
25		Flexible spiral pipe with self-extinguishing properties, does not propagate flame, U-PVC 750N ϕ 32	m	10.00		
26		Flexible spiral pipe with self-extinguishing properties, does not propagate flame, U-PVC 750N ϕ 40	m	60.00		
27	08-02-411-1	Metal hose, outer diameter up to 48 mm	100 m	0.50		
28		Flexible galvanised steel tube with PVC insulation "M" ϕ 20	m	40.00		
29		Flexible galvanised steel pipe with PVC insulation "M" ϕ 40	m	10.00		
30	08-02-396-6	Metal duct for walls and ceilings, length 3 m	100 m	6.30		

1	2	3	4	5	6	7
31		Galvanised steel gutter with cover 400x100	m	132.00		
32		Galvanised steel gutter with cover 200x100	m	348.00		
33		Galvanised steel gutter with cover 100x100	m	150.00		
34		T-shaped divider 400x100 mm	pc	3.00		
35		T-shaped divider 200x100 mm	piece	8.00		
36		T-shaped divider 100x100 mm	pc	5.00		
37		90° horizontal angle 400x100 mm	piece	4.00		
38		90° horizontal angle bracket 200x100 mm	pcs	12.00		
39		90° horizontal angle bracket 100x100 mm	pcs	6.00		
40		90° vertical internal angle bracket 400x100 mm	pcs	5.00		
41		90° vertical internal angle bracket 200x100 mm	pcs	12.00		
42		90° vertical internal angle bracket 100x100 mm	pcs	7.00		
43	08-02-152-4	Metal cable structures: support for assembled cable structures (without pulleys), weight up to: 1.6 kg	100 pcs	8.74		
44		Gutter support 400x55 mm	pcs	230.00		
45		Gutter bracket 200x55 mm	pc	422.00		
46		Gutter bracket 100x55 mm	pc	222.00		
47		M12x1000 threaded rod	pc	874.00		
48		Hexagonal nut $\phi 12$	pc	1,748.00		
49		Galvanised M12 grover	pc	1,748.00		
50		KRM expansion dowel $\phi 12 \times 34$ mm	pc	1,748.00		
51	08-02-152-4	Metal cable structures: support for assembled cable structures (without pulleys), weight up to: 1.6 kg	100 pcs	0.75		
52		Horizontal gutter support 200x55 mm	pcs	73.00		
53		Horizontal gutter bracket 100x55 mm	pc	2.00		
		<i>Total</i>	lei			
		Total Cable laying elements Including salary				
		2.3. Cables				
54	08-02-412-2	Insertion of conductors into pipes and metal hoses: first single-core or multi-core conductor in common braiding, cross-section up to 6 mm ²	100 m	94.85		
55		BBГНГ(A)-LSLTx-0.66 sec. cable 3x1.5	m	2,310.00		
56		KBBГНГ(A)-LSLTx-0.66 cable, 4x1		420.00		
57		KCBБГНГ(A)-LSLTx-0.66 cable, 2x2x0.8 sec.	m	2,815.00		
58		BBГНГ(A)-FRLSLTx-0.66 sec. cable 3x1.5		1,815.00		
59		КИС-ПБНГ(A)-FRLSLTx-0.66 sec. cable 2x2x0.8		2,125.00		
60	08-02-412-3	Insertion of conductors into pipes and metal hoses: first single-core or multi-core conductor in common	100	41.45		

1	2	3	4	5	6	7
		braiding, total cross-section up to 16 mm2				
61		BBГHГ(A)-LSLTx-0.66 sec. cable 3x2.5	m	3,465.00		
62		BBГHГ(A)-LSLTx-0.66 cable, 5x2.5	m	230.00		
63		BBГHГ(A)-FRLSLTx-0.66 cable, 3x4	m	60.00		
64		BBГHГ(A)-FRLSLTx-0.66 cable, 5x2.5 sec.	m	240.00		
65		ПyB-1.0 conductor sec. 1x16	m	150.00		
66	08-02-412-4	Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, cross-section up to 35 mm2	100 m	3.55		
67		BBГHГ(A)-LSLTx-0.66 sec. cable 3x10	m	155.00		
68		BBГHГ(A)-FRLSLTx-0.66 cable, 3x6 m	m	80.00		
69		BBГHГ(A)-FRLSLTx-0.66 cable, 3x10 sec.	m	75.00		
70		BBГHГ(A)-FRLSLTx-0.66 cable, 5x6 m	m	45.00		
71	08-02-412-6	Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, cross-section up to 70 mm2	100 m	2.60		
72		BBГHГ(A)-LSLTx-0.66 sec. cable 3x16	m	80.00		
73		BBГHГ(A)-LSLTx-0.66 cable, 5x10 sec.	m	95.00		
74		BBГHГ(A)-FRLSLTx-0.66 cable sec. 5x10	m	85.00		
75	08-02-412-6	Insertion of conductors into metal pipes and hoses: first single-core or multi-core conductor in common braiding, cross-section up to 120 mm2	100 m	3.25		
76		BBГHГ(A)-LSLTx-0.66 cable, section 5x16	m	325.00		
		<i>Total</i>	lei			
		Total Cables Including salary				
		2.4. Lighting equipment				
77	08-03-594-13	Lighting fixture with LED lamps in suspended ceilings, mounted on section, number of lamps in lighting fixture, 2	100 pcs	2.47		
78	08-03-594-1	Lighting fixture with LED lamps mounted separately on pivots (suspendable), number of lamps in lighting fixture, 1	100 pcs	0.42		
79	08-03-593-5	Lighting fixture with LED ceiling or wall lamps, applicable, sealed with screw or bolt fasteners for rooms with harsh environmental conditions	100 pcs	0.50		
80	08-03-593-10	Wall lighting indicators with LED lamps, applicable, ("Exit" indicator)	100 pcs	0.48		
		<i>Total</i>	lei			
		Total Lighting equipment				

1	2	3	4	5	6	7
		Including salary				
		2.5. Electrical installation items				
81	08-03-591-2	Single-pole switch, flush-mounted, for enclosed installation	100 pcs	1.20		
82	11-05-001-01	Actuating mechanism: Switch module	pcs	120.00		
83	08-03-591-2	Single-pole switch, flush-mounted, for enclosed installation	100 pcs	0.20		
84		Single-pole switch, frame-mounted 10A/230V IP44	pcs	20.00		
85	08-03-591-9	Flush-mounted socket, for enclosed installation, including box for mounting appliances	100 pcs	4.15		
86		2P+PE socket In=16A IP20 frameable	pcs	415.00		
87		Horizontal frame with two seats	pc	48.00		
88		Horizontal frame with three seats	pc	102.00		
89	08-03-532-4	Control panel with buttons, common destination, mounted on wall or column, quantity of panel elements up to 3	pcs	16.00		
90	08-03-603-1	Box with step-down transformers	pcs	1.00		
91		Distribution box with terminals	pc	415.00		
		<i>Total</i>	lei			
		Total Electrical installation items Including salary				
		2.6. Dismantling				
92	RpEG17E	Dismantling of electrical panels: encapsulated, consisting of fuse boxes, intermediate boxes, terminal boxes, etc.	pcs	2.00		
93	RpEG17D	Dismantling of electrical panels: metal panel, cabinet, cell, console	pc	3.00		
94	RpEF23A	Dismantling of lighting fixtures of any type, including rods and globes	each	170.00		
		<i>Total</i>	lei			
		Total dismantling Including salary				
		<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				
		3.1. Panels, cabinets				
95	Supplier price	EDB-215 distribution block "ETI Elektroelement" code 001102302 or equivalent	pcs	3.00		
96	supplier price	Metal distribution panel equipped with lock, applicable 72mod IP31	pc	3.00		

1	2	3	4	5	6	7
97	supplier price	Metal distribution panel equipped with lock, applicable 36mod IP31	pc	6.00		
98	supplier price	Metal distribution panel equipped with lock, applicable 24mod IP31	pc	5.00		
99	supplier price	Metal distribution panel equipped with lock, applicable 12mod IP31	pc	3.00		
100	supplier price	Load switch, 3-pole, In=63A, Icu=4.5kA type CLBSCD-63/3P or similar	pc	3.00		
101	supplier price	Load switch, 3-pole, In=40A, Icu=4.5kA type CLBSCD-40/3P or similar	pc	2.00		
102	supplier price	Load switch, 3-pole, In=25A, Icu=4.5kA type CLBSCD-25/3P or similar	pc	1.00		
103	supplier price	Load switch, 3-pole, In=16A type SV 316/3P/16A or similar	pc	8.00		
104	supplier price	Load switch, 1-pole, In=63A, Icu=4.5kA type SV 163/1p/63A or similar	pc	1.00		
105	supplier price	Load switch, 1-pole, In=25A, Icu=4.5kA type SV 125/1p/25A or similar	pc	2.00		
106	supplier price	Automatic circuit breaker, 3-pole, In=C40A, Icu=6.0kA type ETIMAT-6/3P/C40A/6kA "ETI" or equivalent	pc	1.00		
107	supplier price	Automatic switch, 3-pole, In=C16A, Icu=6.0kA type ETIMAT-6/3P/C16A/6kA "ETI" or similar	pcs	2.00		
108	supplier price	Automatic switch, 1-pole, In=C40A, Icu=6.0kA type ETIMAT-6/1P/C40A/6kA "ETI" or similar	pc	4.00		
109	supplier price	Automatic switch, 1-pole, In=C20A, Icu=6.0kA type ETIMAT-6/1P/C20A/6kA "ETI" or similar	pc	1.00		
110	supplier price	Automatic switch, 1-pole, In=C16A, Icu=6.0kA type ETIMAT-6/1P/C16A/6kA "ETI" or similar	pc	3.00		
111	supplier price	Automatic switch, 1-pole, In=C10A, Icu=6.0kA type ETIMAT-6/1P/C10A/6kA "ETI" or similar	pc	3.00		
112	supplier price	Automatic switch, 1-pole, In=C6A, Icu=6.0kA type ETIMAT-6/1P/C6A/6kA "ETI" or similar	pc	6.00		
113	supplier price	Automatic switch, 1-pole, In=B10A, Icu=6.0kA type ETIMAT-6/1P/B10A/6kA or similar	pc	27.00		
114	supplier price	Automatic switch, 1-pole, In=B6A, Icu=6.0kA type ETIMAT-6/1P/B6A/6kA or similar	pc	12.00		
115	supplier price	Automatic differential switch, 2-pole, 2P/C16/10mA, Icu=10kA, type 2P/C16/10mA/10.0kA KZS-2M A or similar	pc	12.00		
116	supplier price	Automatic differential switch, 2-pole, 2P/C16/30mA, Icu=10kA, type 2P/C16/30mA/10.0kA KZS-2M A or equivalent	pc	29.00		
117	supplier	Automatic differential switch, 2-pole,	pc	32.00		

1	2	3	4	5	6	7
	price	2P/C10/30mA, Icu=10kA, type 2P/C10/30mA/10.0kA KZS-2M A or equivalent				
118	supplier price	Automatic differential switch, 2-pole, 2P/C6/30mA, Icu=10kA, type 2P/C6/30mA/10.0kA KZS-2M A or equivalent	pc	3.00		
119	supplier price	Motor protection switch, 3-pole, In=0.63-1.0A type MPE25-1.0/0.63-1.0A or similar	pc	4.00		
120	supplier price	Auxiliary contact ACBFE-11 or similar	pc	4.00		
121	supplier price	ETITEC ML T123 300/12.5 3+0 atmospheric surge arrester or equivalent	pc	15.00		
122	supplier price	ETITEC ML T123 300/12.5 1+0 atmospheric surge arrester or analogue	pc	2.00		
123	supplier price	Modular contactor, 2-pole, In=25.0A, type R25-22 230V/25A/230V 2NO/2NC or analogue	pc	4.00		
124	supplier price	KUP Supply ZPSU640 power supply unit or equivalent	pc	6.00		
125	supplier price	DALI BOX Broadcast ZDIDLB4V2 control module or equivalent	pc	6.00		
		<i>Total</i>	lei			
		Total Panels, cabinets Including salary				
		3.2. Lighting equipment				
126	supplier price	Recessed LED lighting fixture, IP44, 3600Lm, 27W, 4000 K, 600x600 mm, power supply unit with DALI or analogue interface	pcs	214.00		
127	supplier price	LED lighting fixture, suspended, IP-44, 1400Lm, 10.4W, 4000 K, power supply unit with DALI or analogue interface	pc	7.00		
128	supplier price	LED lighting fixture, wall-mounted, IP44, 2000Lm, 20W, 4000K, D=380mm, power supply unit with DALI or analogue interface	pc	10.00		
129	supplier price	LED luminaire, suspendable, IP44, 2800Lm, 23W, 4000 K, power supply unit with DALI or analogue interface	pc	35.00		
130	supplier price	LED lighting fixture, recessed, IP54, 1200Lm, 10.5W, 4000K, D=190mm, power supply unit with DALI or analogue interface	pc	18.00		
131	supplier price	LED light fixture, recessed, IP54, 2000Lm, 18W, 4000K, D=255mm, power supply unit with DALI or analogue interface	pc	15.00		
132	supplier price	LED lighting fixture, surface-mounted, IP44, 2200Lm, 22W, 4000 K, D=390mm, power supply unit with DALI or analogue interface	pc	3.00		
133	supplier price	LED lighting fixture, applicable, ("Output" indicator) IP21, 5W, with	pc	48.00		

1	2	3	4	5	6	7
		RB 6.0V/0.8Axh battery, with sticker corresponding to the location				
134	supplier price	LED lighting fixture, applicable, IP65, 4000Lm, 28.6W, 4000K, 1200x80mm	pc	25.00		
135	supplier price	LED lighting fixture, applicable, IP65, 3400Lm, 24.3W, 4000K, 1500x80mm	pc	7.00		
136	supplier price	LED lighting fixture, applicable, IP65, 1950Lm, 19W, 4000K, D=390mm	pc	5.00		
		<i>Total</i>	lei			
		Total Lighting equipment Including salary				
		3.3. Electrical installation items				
137		Single-pole push-button switch, frame-mountable, 10A/230V, IP20 compatible with BIN-T 2X module or analogue	pc	100.00		
138		Single-pole push-button switch, frame-mountable, 10A/230V, IP44 compatible with BIN-T 2X module or analogue	pc	20.00		
139		BIN-T 2X switch module (for KNX system) or analogue	pc	120.00		
140		Post with two control buttons, on-off, IP54	pc	16.00		
141		Box with step-down transformer 220/12V/IP54	pc	1.00		
		<i>Total</i>	lei			
		Total Electrical installation items Including salary				
		<i>Total</i>	lei			
		<i>Supply and storage expenses</i>	%			
		Total Equipment Including salary				
		4. Adjustment and start-up work				
142	1-03-001-1	Single-pole switch with electromagnetic, thermal or combined trip	pc	59.00		
143	1-03-001-2	2-pole automatic differential switch with protective disconnect device	pc	76.00		
145	1-03-002-4	Three-pole switch with electromagnetic, thermal or combined release, rated current up to 50 A	pc	14.00		
146	1-03-022-5	Three-pole switch with electromagnetic, thermal or combined trip, rated current up to 200 A	pc	3.00		
148	1-03-007-1	Motor protection switch, voltage up to 35 kV	pc	4.00		
149	1-12-021-1	Switching device, voltage up to 1 kV (for power circuits) - Distribution block	1 test	3.00		
152	1-12-021-4	Surge arrester components, voltage up to 75 kV	1 test	17.00		
153	1-11-013-1	Measurement of the impedance of the	1	1,132.00		

1	2	3	4	5	6	7
		"phase-neutral" circuit	current receptor			
154	1-11-012-1	Determining soil resistivity	1 measurement	1.00		
155	1-11-010-1	Measurement of the resistance to leakage currents of the earth connection	1 measurement	1.00		
156	10-06-068-16	System adjustment, network element programming and adjustment of its operation - DALI control module	pcs	6.00		
157	10-06-068-11 applied	System adjustment, network element programming and adjustment of its operation - KNX module	pcs	119.00		
		<i>Total</i>	lei			
		<i>Social insurance</i>	24%			
		<i>Total</i>				
		<i>Overhead costs</i>	%			
		<i>Total</i>				
		<i>Estimated profit</i>	%			
		Total Adjustment and start-up works Including salary				
		Total	lei			
		Total estimate: Including salary				