

**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,  
104 Stefan cel Mare si Sfint Street. Form No. 7**

(name of the project)

Form No. 7  
WinCmeta

**LOCAL ESTIMATE № 2-3-5  
Water supply and internal sewerage. Block D (2506-1-RAC)**

**Estimate value lei**

Prepared in current prices: 20.10.2025

№ crt	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 1.1. System A1, A2				
1	AcA53A	Butt welding joint of PE100 D63 flange end	pcs	1.00		
2	AcA23A	Jointing with loose flanges of pipes, connecting pieces and fittings with a diameter of DN50 Small materials (petrol, bitumen lacquer, etc.) = 1.0300	pcs	1.00		
3	AcA26A	Flange connection of DN50 PN10 flanged cast iron gate valve, rubberised	pc	1.00		
4	AcA31A	Electric welding of steel flanges or connecting pieces to the ends of pipes with a diameter of 50 mm Small materials (oxygen, carbide, electrodes, etc.) = 1.0500	pcs	1.00		
5	AcA05E	Galvanised pipe for water supply, assembled by welding, with a diameter of DN50 (60x3.5 mm) Small materials (butane gas, cleaning paste) = 1.0500	m	16.00		
6	SA37F	Metal pipe clamp with rubber gasket and dowel in set for D50 pipe	pc	16.00		
7	SA15B	PN16 polypropylene pipe joined by polyfusion welding, in connecting pipes, to sanitary ware, to residential and social-cultural objects, with a diameter of 20*2.8 mm.	m	119.50		
8	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=20x9 mm Small materials = 1.0500	m	85.50		

1	2	3	4	5	6	7
9	SA37B	Metal pipe clamp with rubber gasket and dowel in set for D20 pipe	pc	119.00		
10	SA16	PN16 polypropylene pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 25*3.5 mm.	m	90.00		
11	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=25x9 mm Small materials = 1.0500	m	90.00		
12	SA37C	Metal pipe clamp with rubber gasket and dowel in set for D25 pipe	pc	90.00		
13	SA16B	PN16 polypropylene pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 32*4.5 mm	m	15.00		
14	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=32x9 mm Small materials = 1.0500	m	15.00		
15	SA37D	Metal pipe clamp with rubber gasket and dowel in set for D32 pipe	pc	15.00		
16	SA16D	PP-R PN10 D40x5.5 mm polypropylene pipe, including necessary fittings (elbow, tee, socket, reducer, threaded reducer)	m	3.00		
17	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=42x9 mm Small materials = 1.0500	m	3.00		
18	SA37E	Metal pipe clamp with rubber gasket and dowel in set for D40 pipe	pc	3.00		
19	SD19A	Ball valve with butterfly handle and 1/2" connection Small material (spun copper, red lead primer, etc.) = 1.0150	pcs	55.00		
20	SD19A	Ball valve and butterfly valve with 3/4" connection Small material (spun copper, red lead primer, etc.) = 1.0150	pcs	10.00		
21	SD19B	Ball valve and butterfly valve with 1" connection Small materials (copper wire, red lead primer, etc.) = 1.0150	pcs	2.00		
22	SF01A	Performing pressure leak testing of hot or cold water installations made of galvanised steel pipes for installations, longitudinally welded, with a diameter of 3/8"-2"	m	16.00		

1	2	3	4	5	6	7
23	SF02A	Performing a functional test on the cold or hot water system made of galvanised steel pipes for installations, with a diameter of 3/8"-2"	10m	1.60		
24	SF05A	Washing the cold or hot water system made of galvanised steel pipes with a diameter of 3/8"-2"	m	16.00		
25	SF01C	Performing a pressure leak test on the hot or cold water system, with a diameter of 16-110 mm	m	227.50		
26	SF02C	Performing a functional test on the hot or cold water installation, with a diameter of 16-110 mm	10m	22.75		
27	SF05C	Washing the cold or hot water installation, made of plastic pipes, with a diameter of 20-75 mm	m	227.50		
		<i>Total</i>	lei			
		<b>Total System A1, A2 Including salary</b>				
		1.2. System T3, T4				
28	SA15B	PN16 polypropylene pipe joined by polyfusion welding, in connecting pipes, to sanitary fixtures, to residential and social-cultural facilities, with a diameter of 20*2.8 mm	m	256.00		
29	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=20x9 mm Small materials = 1.0500	m	236.50		
30	SA37B	Metal pipe clamp with rubber gasket and dowel in set for D20 pipe	pc	256.00		
31	SA16	PN16 polypropylene pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 25*3.5 mm.	m	80.00		
32	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=25x9 mm Small materials = 1.0500	m	80.00		
33	SA37C	Metal pipe clamp with rubber gasket and dowel in set for D25 pipe	pc	80.00		
34	SA16B	PN16 polypropylene pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 32*4.5 mm.	m	15.00		

1	2	3	4	5	6	7
35	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=32x9 mm Small materials = 1.0500	m	15.00		
36	SA37D	Metal pipe clamp with rubber gasket and dowel in set for D32 pipe	pc	15.00		
37	SA16	PP-R PN10 D40x5.5 mm polypropylene pipe, including necessary fittings (elbow, tee, socket, reducer, threaded reducer)	m	3.00		
38	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter and thickness of D=42x9 mm Small materials = 1.0500	m	3.00		
39	SA37E	Metal pipe clamp with rubber gasket and dowel in set for D40 pipe	pc	3.00		
40	SD19A	Ball valve with butterfly handle and 1/2" connection Small material (spun copper, red lead primer, etc.) = 1.0150	pc	35.00		
41	SD19A	Ball valve and butterfly valve with 3/4" connection Small material (spun copper, red lead primer, etc.) = 1.0150	pc	8.00		
42	SD19B	Ball valve and butterfly valve with 1" connection Small materials (spindle, lead minium primer, etc.) = 1.0150	pc	2.00		
43	SD16A	Air valve with 1/2" connection Small material (spun copper, red lead primer, etc.) = 1.0150	pcs	8.00		
44	SF01C	Performing pressure leak testing on hot or cold water installations with a diameter of 16-110 mm	m	354.00		
45	SF02C	Performing a functional test of the hot or cold water installation, with a diameter of 16-110 mm	10m	35.00		
46	SF05C	Washing the cold or hot water installation, made of plastic pipes, with a diameter of 20-75 mm	m	35.00		
		<i>Total</i>	lei			
		<b>Total Sistema T3, T4 Including salary</b>				
		1.3. System C1				
47	AcA08A	PVC SN4 sewer pipe D=110x3.2 mm, sealed with rubber gaskets Small materials (water, soap paste)=1.0050	m	30.00		
48	AcF03A	Filling in trenches for pipes as substrate, executed with sand	m	2.40		
49	SB08E	Polypropylene pipe for sewerage D110	m	55.00		
50	SA37I	Metal pipe clamp with rubber gasket and dowel in set for D110 pipe	pc	55.00		

1	2	3	4	5	6	7
51	SB08C	Polypropylene pipe for sewerage D50	m	93.50		
52	SA37F	Metal pipe clamp with rubber gasket and dowel in set for D50 pipe	pc	75.00		
53	SA40A	Installation of fire protection sleeves with dowel fixing to the floor ceiling, for D110 sewer pipes.	pcs	6.00		
54	SA40A	Installation of fire protection sleeves D=50 mm, fixed to the floor ceiling with dowels	pc	2.00		
55	SB09E	Polypropylene manhole cover for sewerage with threaded plug D110	pc	6.00		
56	SB09C	Polypropylene inspection chamber for sewerage with threaded plug D50	pc	4.00		
57	SB09E	Polypropylene ventilation cap for sewerage, combined with rubber gasket, with a diameter of 110 mm	pc	3.00		
58	SB09C	Polypropylene ventilation cap for sewerage, combined with rubber gasket, with a diameter of 50 mm	pc	2.00		
59	SB28A	Polypropylene floor drain, with stainless steel grate, side outlet, outlet diameter 50 mm. Small material (cement, sand, water, etc.) = 1.0100	pcs	6.00		
60	SA34G	Manufacture, execution of masonry openings, installation and cementing of protective pipes for pipe passages through walls and floors, with a diameter of d114x3.0 mm L=400mm	pc	2.00		
61	SF04A	Performing leak and functional tests on the sewerage system	10 m	17.85		
62	SC04C	Semi-porcelain washbasin, sanitary porcelain, etc., including for disabled persons, with plastic drain pipe, mounted on pedestal Small materials (chalk, wooden dowels, plaster, etc.) = 1.0200	pcs	22.00		
63	SD04A	Mixer tap with tilting arm, stand for washbasin or sink, regardless of closure type, including for disabled persons, with a diameter of 1/2"	pc	22.00		
64	SC07A1	Toilet bowl, fully equipped, made of sanitary porcelain, floor-mounted, with water tank mounted on the bowl, at height or semi-height, with internal S-type siphon Small materials (wood dowels, plaster, wood screws, codez, dichloroethane, etc.) = 1.0300	pcs	21.00		
65	SC09A	Wall-mounted porcelain urinal on brick or concrete masonry Small materials (wooden dowels, plaster, wood screws, codez, dichloroethane, etc.) = 1.0200	pcs	6.00		

1	2	3	4	5	6	7
66	SC05A	Enamelled cast iron or acid-resistant ceramic sink with plastic drain pipe, mounted on brick walls Small materials (wooden dowels, plaster, wood screws, adhesive solution, degreaser, etc.) = 1.0100	pcs	6.00		
67	SD04A	Mixer tap with tilting arm for washbasin, regardless of closure type, including for persons with disabilities, with a diameter of 1/2"	pc	6.00		
68	SC02A	Shower tray 800x800 mm, made of enamelled cast iron, enamelled sheet metal, polymethacrylate, etc. Small items (codex, dichloroethane, cleaning rags, etc. = 1.0300)	pcs	3.00		
69	SD02A	Mixer tap for bathroom, with flexible or fixed shower, regardless of the type of closure, including for disabled persons, mounted on brick or concrete walls. Small materials (pine wood shavings, linseed oil, red lead primer, etc.) = 1.0050	pc	3.00		
		<i>Total</i>	lei			
		<b>Total Sistema C1 Including salary</b>				
		1.4. Dismantling				
70	RpSA03A	Dismantling of existing galvanised steel pipe inside the building, with a diameter of 1/2"-1"		510.00		
71	RpSD10A	Removal of a gate valve with or without drain, a gate valve with threaded plugs, with a diameter of 3/8"-1/2"	pc	55.00		
72	RpSD10B	Removal of a gate valve with or without drain, a gate valve with threaded plugs, with a diameter of 3/4"-1"	pc	24.00		
73	RpSB01A	Removal of cast iron pipes and fittings for sewerage, with a diameter of 50 mm	m	60.00		
74	RpSB01C	Dismantling of cast iron pipes and fittings for sewerage systems, with a diameter of 100 mm	m	130.00		
75	RpSB05A	Removal of a floor drain with a diameter of 50 mm	piece	6.00		
76	RpSC05A	Removal of a ceramic washbasin, including accessories	pc	24.00		
77	RpSC06A	Removal of a fully equipped ceramic toilet bowl	pc	27.00		
		<i>Total</i>	lei			
		<b>Total dismantling Including salary</b>				
		<i>Total</i>	lei			
		<i>Social insurance</i>	24%			

1	2	3	4	5	6	7
		<i>Transport expenses</i>	%			
		<i>Supply and storage expenses</i>	%			
		<i>Total</i>				
		<i>Overhead expenses</i>	%			
		<i>Total</i>				
		<i>Estimated profit</i>	%			
		<b>Total Construction works Including salary</b>				
		2. Installation works				
		2.1. System A1, A2				
78	SD17B	Installation of indoor fire hydrant, for pipes with a diameter of 2", wall-mounted (with box and frame) Small materials (lime plaster, lead minium primer, plaster, etc.) = 1.0500	pcs	6.00		
		<i>Total</i>	lei			
		<b>Total System A1, A2 Including salary</b>				
		2.2. System T3, T4				
79	AcB15D	Installation of garden hydrants, in a niche, with a diameter of 1/2" Small materials (petrol, rags, etc.) = 1.0200	pcs	3.00		
80	IB07A	Steel tube radiators for bathrooms, with a height (h) of up to 1000 mm, inclusive	pc	3.00		
		<i>Total</i>	lei			
		<b>Total Sistema T3, T4 Including salary</b>				
		<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>	%			
		<b>Total Installation work Including salary</b>				
		3. Equipment				
		3.1. System A1, A2				
81		Metal cabinet for fire hydrant with space for fire extinguisher, dimensions 840x650(h)x230 mm	pcs	6.00		
82		Cast iron fire hydrant valve with 2" PN16 thread	pcs	6.00		
83		Fire hose, D51 mm, L=20m	pc	6.00		
84		Pressure connection head with GR-50 type plug	pc	12.00		
85		Pressure connection head with GM-50 type socket	pc	6.00		

1	2	3	4	5	6	7
86		PS-6 type mine fire nozzle	pc	6.00		
87		5 kg powder fire extinguisher	pc	6.00		
		Total	lei			
		Total System A1, A2 Including salary				
		3.2. System T3, T4				
88		Water tap, indoor, complete with sink mixer and rubber hose with textile skeleton D=20 mm, L=6.0 m	pc	3.00		
89		Stainless steel towel dryer 500x500 DN32	pc	3.00		
		Total	lei			
		Total Sistema T3, T4 Including salary				
		Total	lei			
		Supply and storage expenses	%			
		Total Equipment Including salary				
		Total	lei			
		Total estimate: Including salary				