

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: 2-1-4_RAC_Study block

Local estimate No. 2-1-4

Prepared in current prices

Estimate: Technical and sanitary 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. SYSTEM - A1 - (cold water)				
1.1	SA16F	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 63 mm. (PN10 polypropylene cold water pipe d=63mm)	m	110,0000		
1.2	SA16E	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 50 mm. (PN10 polypropylene cold water pipe d=50mm)	m	5,0000		
1.3	SA16C	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 32 mm. (PN10 polypropylene cold water pipe d=32mm)	m	90,0000		
1.4	SA15B	Plastic pipe joined by polyfusion welding, in connecting pipes, sanitary ware, residential and social-cultural facilities, with a diameter of 20 mm. (PN10 polypropylene cold water pipe d=25mm)	m	75,0000		
1.5	SA15B	Plastic pipe joined by polyfusion welding, in connecting pipes, to sanitary fixtures, to residential and social-cultural facilities, with a diameter of 20 mm. (Cold water pipe made of polypropylene PN10 d=20mm)	m	50,0000		
1.6	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=63 mm. ПЭП	m	110,0000		
1.7	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=50mm ПЭП	m	5,0000		
1.8	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=32mm ПЭП	m	90,0000		
1.9	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=25mm ПЭП	m	75,0000		
1.10	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=20mm ПЭП	m	50,0000		
1.11	SD20C	Flexible, galvanised connector with flat seal, with internal-external thread (Flexible connector Ø63)	pc	1,0000		
1.12	SD13C	Safety valve with lever and counterweight, for flange connection, with a diameter of 50 mm. (Check valve Ø50)	pc	1,0000		
1.13	SD19D	Check valve with straight vent and threaded plugs, with a diameter of 2". (Gate valve Ø50)	piec e	3,0000		
1.14	SD19C	Straight check valve with threaded plugs, diameter 1 1/4" - 1 1/2". (Ball valve with operating lever d=40)	pc	1,0000		
1.15	SD19B	Straight check valve with threaded ends, diameter 1". (Ball valve with operating lever d=25)	pc	6,0000		
1.16	SD19A	Straight check valve with threaded ends, diameter 1/2" - 3/4". (Ball valve with operating lever d=20)	pc	1,0000		
1.17	SD19A	Straight check valve with threaded ends, diameter 1/2" - 3/4". (Ball valve with operating lever d=15)	pc	51,0000		
1.18	SF01C	Performing pressure leak testing of hot or cold water installations made of heavy-duty polyvinyl chloride pipe or plastic material, with a diameter of 16-110 mm	m	330,0000		

1.19	SF05C	Washing the cold or hot water system made of plastic pipes with a diameter of 20-75 mm.	m	330,0000		
		TOTAL Chapter 1. SYSTEM - A1 - (cold water)				
		Including salary				
		Chapter 2. SYSTEM - T3, T4 - (hot water)				
1.20	SA16E	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 50 mm. (PN16 polypropylene cold water pipe d=50mm)	m	10,0000		
1.21	SA16D	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 40 mm. (PN16 polypropylene cold water pipe d=40mm)	m	90,0000		
1.22	SA16C	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 32 mm. (PN16 polypropylene cold water pipe d=32mm)	m	150,0000		
1.23	SA15B	Plastic pipe joined by polyfusion welding, in connecting pipes, for sanitary facilities, residential and social-cultural buildings, with a diameter of 20 mm. (Cold water pipe made of polypropylene PN10 d=25mm)	m	110,0000		
1.24	SA15	Plastic pipe joined by polyfusion welding, in connecting pipes, sanitary ware, residential and social-cultural facilities, with a diameter of 20 mm. (PN16 polypropylene cold water pipe d=20mm)	m	50,0000		
1.25	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=50 mm. ПЭП	m	10,0000		
1.26	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=40mm ПЭП	m	90,0000		
1.27	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=32mm ПЭП	m	150,0000		
1.28	RpIF09B	Insulation of pipes with special insulation sleeves, inserted on pipes, with a diameter of D=25mm ПЭП	m	110,0000		
1.29	RpIF09B	Insulation of pipes with special insulation sleeves, inserted onto pipes, with a diameter of D=20mm ПЭП	m	50,0000		
1.30	SD19C	Straight check valve with threaded plugs, diameter 1 1/4" - 1 1/2". (Ball valve with operating lever d=40)	pc	1,0000		
1.31	SD19C	Straight check valve with threaded ends, diameter 1 1/4" - 1 1/2". (Ball valve with operating lever d=32)	pc	1,0000		
1.32	SD19B	Straight check valve with threaded ends, diameter 1". (Ball valve with operating lever d=25)	pc	6,0000		
1.33	SD19A	Straight check valve with threaded plugs, diameter 1/2" - 3/4". (Ball valve with operating lever d=20)	pc	13,0000		
1.34	SD19A	Straight check valve with threaded ends, diameter 1/2" - 3/4". (Ball valve with operating lever d=15)	pc	51,0000		
1.35	SD13B	Safety valve with lever and counterweight, for flange connection, with a diameter of 32. (Check valve Ø32)	pc	1,0000		
1.36	SD13A	Safety valve with lever and counterweight, for flange connection, with a diameter of 25. (Check valve Ø25)	pc	1,0000		
1.37	SD13A	Safety valve with lever and counterweight, for flange connection, with a diameter of 20. (Check valve Ø20)	pc	1,0000		
1.38	SD13A	Safety valve with lever and counterweight, for flange connection, with a diameter of 15. (Check valve Ø15)	pc	2,0000		
1.39	SD13A	Safety valve with lever and counterweight, for flange connection, with a diameter of 20. (Air vent valve Ø20)	pc	2,0000		
1.40	SF01C	Performing pressure leak testing of hot or cold water installations made of heavy-duty polyvinyl chloride pipe or plastic material, with a diameter of 16-110 mm.	m	410,0000		
1.41	SF05C	Washing of cold or hot water installations made of plastic pipes with a diameter of 20-75 mm	m	410,0000		
		TOTAL Chapter 2. SYSTEM - T3, T4 - (hot water)				
		Including salary				

		Chapter 3. SYSTEM - C1, C1* - (domestic sewage system)				
1.42	SB08E	Plastic sewer pipe, joined with rubber seal, surface-mounted or buried under the floor, with a diameter of 110 mm.	m	150,0000		
1.43	SB08E	Plastic sewer pipe, joined with rubber gasket, installed above ground or buried under the floor, with a diameter of 110 mm. (40% for fittings)	m	60,0000		
1.44	SB08C	Plastic sewer pipe, joined with rubber gasket, installed above ground or buried under the floor, with a diameter of 50 mm.	m	75,0000		
1.45	SB08C	Plastic sewer pipe, connected with rubber seal, surface-mounted or buried under the floor, with a diameter of 50 mm. (40% p/u fittings)	m	30,0000		
1.46	SA40A	Installation of fire protection sleeves fixed to the floor ceiling with dowels. (Fire protection sleeves for sewer pipes Ø110)	pcs	19,0000		
1.47	SB28B	Polypropylene floor drain with an outlet diameter of 110 mm.	pc	7,0000		
1.48	SB28A	Polypropylene floor drain with an outlet diameter of 50 mm.	pc	1,0000		
1.49	SB09E	Plastic connecting piece for sewerage, combined with rubber gasket, with a diameter of 110 mm. (Vent flap Ø110)	pc	2,0000		
1.50	SF04A	Performing leak and functional tests on sewerage systems made of unplasticised polyvinyl chloride pipes, lightweight pipes or plastic pipes with a diameter of up to 100 mm inclusive.	10 m	22,5000		
1.51	SF05C	Washing of the sewerage system, made of plastic pipes with a diameter of 20-75 mm	m	75,0000		
1.52	SF05D	Flushing of the sewerage system, made of plastic pipes with a diameter of 90-110 mm.	m	150,000		
		TOTAL Chapter 3. SYSTEM - C1, C1* - (domestic sewage system)				
		Including salary				
		Chapter 4. SYSTEM - Cp- (pressure sewerage)				
1.53	SA16F	Plastic pipe joined by polyfusion welding, in columns, in residential and social-cultural buildings, with a diameter of 63 mm. (PN10 polypropylene cold water pipe d=63mm)	m	5,0000		
		TOTAL Chapter 4. SYSTEM - Cp- (pressure sewerage)				
		Including salary				
		Chapter 5. SANITARY EQUIPMENT				
1.54	SC07B1	Fully equipped toilet bowl with side outlet, made of semi-porcelain, sanitary porcelain, etc., floor-mounted, with water tank mounted on the bowl.	pc	26,0000		
1.55	SC04C	Washbasin made of semi-porcelain, sanitary porcelain, etc., mounted on a pedestal with PP siphon.	pc	29,0000		
1.56	SD04A	Chrome-plated mixer tap with swivel arm for washbasin, regardless of closure type.	pc	29,0000		
1.57	SD04A	Chrome-plated mixer tap with tilting arm for washbasin, regardless of the closing method	pc	3,0000		
1.58	SD02A	Chrome-plated mixer tap for bathroom, with flexible or fixed shower, regardless of the closing mode, including for disabled persons, mounted on brick or concrete walls.	pc	5,0000		
1.59	SC09B	Sanitary porcelain urinal mounted on concrete wall.	pc	9,0000		
		TOTAL Chapter 5. SANITARY EQUIPMENT				
		Including salary				

Total		
Social insurance	24,0000%	
Total		
Transport expenses		
Total		

Storage expenses		%
Total		
Overhead expenses		%
Total		
Estimated profit		%

Total estimate excluding VAT	94
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Estimate: Installation works						
No	Symbol norms 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. SYSTEM - T3, T4 - (hot water)				
2.1	SC11B	Towel rail made of nickel-plated brass, bakelite, etc., mounted on a brick or concrete wall, with 2 support points (towel dryer Ø20)	pc	2,0000		
		TOTAL Chapter 1. SYSTEM - T3, T4 - (hot water)				
		Including salary				
		Chapter 2. SYSTEM - C1, C1*- (domestic sewage system)				
2.2	AcB09A	Installation of electric valve actuators	pcs	1,0000		
		TOTAL Chapter 2. SYSTEM - C1, C1*- (domestic sewage system)				
		Including salary				
		Chapter 3. SYSTEM - Cp- (pressure sewerage)				
2.3	IA37B	Circulation pump (recirculation) mounted on the existing pipe, by screwing, with a diameter of over 1"	pcs	1,0000		
		TOTAL Chapter 3. SYSTEM - Cp- (pressure sewerage)				
		Including salary				
		Chapter 4. SANITARY EQUIPMENT				
2.4	SC05A	Sink with plastic drain pipe, mounted on brick walls (PP siphon sink)	pc	3,0000		
2.5	SC02A	Shower tray made of enamelled cast iron, enamelled sheet metal, polymethacrylate, etc.	piece	5,0000		
		TOTAL Chapter 4. SANITARY EQUIPMENT				
		Including salary				

Total	
Social insurance	24.00
Total	
Transport expenses	%
Total	
Storage expenses	%
Total	
Overhead expenses	%
Total	
Estimated profit	%

Total Estimate without 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. SYSTEM - T3, T4 - (hot water)				

3.1	Market price	Towel dryer Ø20	pc	2,0000		
		TOTAL Chapter 1. SYSTEM - T3,T4 - (hot water)				
		Including salary				
		Chapter 2. SYSTEM - C1, C1*- (domestic sewage system)				
3.2	Market price	HL710.2 EPC electric motor valve, P=0.1kWt, U=220V, Ø110	pcs	1,0000		
		TOTAL Chapter 2. SYSTEM - C1, C1*- (domestic sewage system)				
		Including salary				
		Chapter 3. SYSTEM - Cp- (pressure sewerage)				
3.3	Market price	WILO-Drain-TS-TSW-32 pump, P=0.3kWt, U=230V, Hpump=8m (including spring check valve, concentric steel reduction Ø32xØ50, float)	pc	1,0000		
		TOTAL Chapter 3. SYSTEM - Cp- (pressure sewerage)				
		Including salary				
		Chapter 4. SANITARY EQUIPMENT				
3.4	Market price	Sink with PP siphon	pc	3,0000		
3.5	Market price	Shower tray	pc	5,0000		
		TOTAL Chapter 4. SANITARY EQUIPMENT				
		Including salary				

Total	
Storage expenses	%

Total Estimate excluding VAT	
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Prepared by:

(position, signature, surname, first name)

Verified:

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