

**Reconstruction, replanning, modernization of
the space on the ground floor of the
Municipality of Ungheni, needed to arrange
the public services, to create the `Single
window`**

(objective title)

**List of quantities of works
Electric power equipment / indoor electric lighting**

Currency of the offer **US\$**

No.	Norm symbol and Resource code	Works and expenses	U. M.	Quantity according to project data	Estimate value, US\$	
					Per unit of measurement incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Mounting works				
1	08-03-572-3	Cabinet switch or distribution point control unit (cabinet), wall mounted, height and width, mm, up to 600x600	pcs	5.00		
2	supplier price	N neutral bar tie for 8 connections, 6x9x75 mm, In=100A, Un=400V	pcs	3.00		
3	supplier price	PE neutral bar tie for 8 connections, 6x9x75 mm, In=100A, Un=400V	pcs	3.00		
4	supplier price	N bar tie for 12 connections, 6x9x120 mm, In=100A, Un=400V	pcs	3.00		
5	supplier price	PE neutral bar tie for 12 connections, 6x9x120 mm, In=100A, Un=400V	pcs	3.00		
6		Icon on the panel	pcs	5.00		
7	08-03-575-1	Device - automatic switches, load separators	pcs	37.00		
8	08-03-575-1	Device: over-voltage limiter	pcs	1.00		
9	08-03-575-1	Devices mounted in panels and cabinets: contactors	pcs	2.00		
10	08-03-575-1	Device: control button	pcs	1.00		
11	supplier price	BBГнг(A)-HF 3x1.5 mm ² cable. Power cable with 3 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.5 mmp	l.m.	340.00		
12	supplier price	BBГнг(A)-HF 4x1.5 mm ² cable. Power cable with 4 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.5 mmp	l.m.	90.00		
13	supplier	BBГнг(A)-HF 5x1.5 mm ² cable.	l.m.	10.00		

1	2	3	4	5	6	7
	price	Power cable with 5 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.5 mmp				
14	supplier price	BBГнг(A)-HF 3x2.5 mm ² cable. Power cable with 3 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 2.5 mmp	1.m.	620.00		
15	supplier price	BBГнг(A)-HF 5x4 mm ² cable. Power cable with 5 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 4.0 mmp	1.m.	60.00		
16	supplier price	BBГнг(A)-HF 5x6 mm ² cable. Power cable with 5 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 6.0 mmp	1.m.	10.00		
17	supplier price	BBГнг(A)-HF 5x10 mm ² cable. Power cable with 5 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 10 mmp	1.m.	60.00		
18	supplier price	BBГнг(A)-FRHF 3x1.5 mm ² cable. Power cable with 3 copper conductors, halogen-free, fire-resistant, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.5 mmp	1.m.	200.00		
19	supplier price	BBГнг(A)-FRHF 4x1.5 mm ² cable. Power cable with 4 copper conductors, halogen-free, fire-resistant, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of	1.m.	30.00		

1	2	3	4	5	6	7
		toxic emissions as a result of combustion, conductor section 1.5 mmp				
20	supplier price	BBΓ _{HT} (A)-FRHF 5x1.5 mm ² cable. Power cable with 5 copper conductors, halogen-free, fire-resistant, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.5 mmp	l.m.	15.00		
21	supplier price	BBΓ _{HT} (A)-FRHF 3x2.5 mm ² cable. Power cable with 3 copper conductors, halogen-free, fire-resistant, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 2.5 mmp	l.m.	60.00		
22	supplier price	BBΓ _{HT} (A)-FRHF 5x6.0 mm ² cable. Power cable with 5 copper conductors, halogen-free, fire-resistant, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 6.0 mmp	l.m.	60.00		
23	supplier price	KBBΓ _{HT} (A)-HF 4x1.0 mm ² control cable. Power cable with 4 copper conductors, halogen-free, with low flame propagation, in case of fire does not generate aggressive or corrosive compounds, with limited quantity of toxic emissions as a result of combustion, conductor section 1.0 mmp	l.m.	25.00		
24	supplier price	Copper conductors control cable, fire resistant (FR), halogen-free (LS), with polyvinylchloride insulation, rated voltage of 0.66kV, KBBΓ _{HT} (A)-FRHF 4x1.0 mm ² type	l.m.	20.00		
25	supplier price	ΠB-3 1x4.0 mm ² electric conductor	l.m.	20.00		
26	supplier price	ΠB-3 1x6.0 mm ² electric conductor	l.m.	20.00		
27	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, to be fixed with staples, diameter up to 25 mm	100 m	14.90		
28	supplier price	PE pipe for electric installations d=20 mm	l.m.	760.00		
29	supplier price	PE pipe for electric installations d=25 mm	l.m.	730.00		
30	08-02-409-	Vinyl-plastic pipe on installed	100 m	1.30		

1	2	3	4	5	6	7
	2	constructions, on walls and columns, to be fixed with staples, diameter up to 50 mm				
31	supplier price	PE pipe for electric installations d=32 mm	l.m.	130.00		
32	08-03-591-2	Single pole, recessed light switch, in a closed installation, including the installation dose	100 pcs	0.09		
33	supplier price	Closed installation single pole switch, IP20, 10A, 220V	pcs	9.00		
34	08-03-591-5	Two poles, recessed light switch, in a closed installation, including the devices installation dose	100 pcs	0.13		
35	supplier price	Closed installation two poles switch, IP20, 10A, 220V	pcs	13.00		
36	08-03-591-1	Single pole switch, non-recessed, on-sight installation	100 pcs	0.01		
37	supplier price	Open installation single pole switch, IP44, 16A, 220V	pcs	1.00		
38	08-03-591-9	Recessed plug socket, in a closed installation, including the devices installation dose	100 pcs	0.17		
39	supplier price	Grounded closed installation socket, IP20, 16A, 220V	pcs	17.00		
40	08-03-591-10	Semi-sealed and sealed plug socket, on-sight installation	100 pcs	0.15		
41	supplier price	Grounded open installation socket, IP44, 16A, 220V	pcs	15.00		
42	10-08-019-01	Wall branching box	pcs	40.00		
43	supplier price	Y-197 YXJI4 derivation dose	pcs	40.00		
44	08-03-532-4	Control station with buttons, common destination, mounted on wall or column construction, quantity of station elements up to 3	pcs	1.00		
45	08-03-594-1	LED lamp (C1-1; 2; 3; 4; 5; 6; 7), number of lamps, in lamps, 1	100 pcs	0.56		
		<i>Total</i>	US\$			
		<i>Social insurance</i>	24 %			
		<i>Transportation expenses</i>	%			
		<i>Supply-storage expenses</i>	%			
		<i>Total</i>				
		<i>Administrative costs</i>	%			
		<i>Total</i>				
		<i>Benefit of the estimate</i>	%			
		Total Mounting works Including wages	U S\$ U S\$			
		2. Machinery				
46	supplier price	Metal distribution panel mounted at-sight on the wall, having a capacity of 12 modules, IP31, equipped with lock and bars of DIN -ppH-123-1-36-YXJI3, IP31 type	pcs	3.00		
47	supplier price	Metal distribution panel mounted at-sight on the wall, having a capacity	pcs	1.00		

1	2	3	4	5	6	7
		of 24 modules, IP31, equipped with lock and bars of DIN - ИЦПН-243-1-36-УХЛ3, IP31 type				
48	supplier price	Metal distribution panel mounted at-sight on the wall, having a capacity of 36 modules, IP31, equipped with lock and bars of DIN - ИЦПН-363-1-36-УХЛ3, IP31 type	pcs	1.00		
49	supplier price	Modular load separator, Un=400V, 3P, In=32A	pcs	1.00		
50	supplier price	Modular load separator, Un=400V, 3P, In=20A	pcs	5.00		
51	supplier price	Automatic monopolar switch, characteristic B, In = 4A, U=230V, Icu=4.5 A	pcs	6.00		
52	supplier price	Automatic monopolar switch, characteristic C, In = 10A, U=230V, Icu=4.5 A	pcs	7.00		
53	supplier price	Automatic monopolar switch, characteristic C, In = 16A, U=230V, Icu=4.5 A	pcs	3.00		
54	supplier price	Tripolar automatic switch, characteristic C, In=20A, Un=400V, Icu=4.5 A	pcs	2.00		
55	supplier price	Tripolar automatic switch, characteristic C, In=25A, Un=400V, Icu=4.5 A	pcs	1.00		
56	supplier price	Tripolar automatic switch, characteristic C, In=32A, Un=400V, Icu=4.5 A	pcs	1.00		
57	supplier price	Tripolar automatic switch, characteristic C, In=50A, Un=400V, Icu=4.5 A	pcs	1.00		
58	supplier price	Tripolar automatic switch, characteristic B, In=16A, Un=400V, Icu=4.5 A	pcs	1.00		
59	supplier price	Automated differential current switch, bipolar, with the "AC" characteristic, In=16a, 30mA, Un=230V	pcs	9.00		
60	supplier price	Class II(C) 4-pole surge protector	pcs	1.00		
61	supplier price	KMI 34012, 40A, IP54 Contactor	pcs	1.00		
62	supplier price	Modular tripolar contactor, 1 regular open contact, Un=400V, Ub=230V, In=12A, KMI 11210 type	pcs	1.00		
63	supplier price	Double control buttons, with detachable head, Un=230V, type APBB-22N-I-O	pcs	1.00		
64	supplier price	Case for the installation of control buttons, for 2 places, KII102 type, IP20	pcs	1.00		
65	supplier price	SB-7 button, d=22 mm	pcs	2.00		
66	supplier price	CI-1. General indoor lighting lamps, IP54/IP20, IK02, recessed, LED 22W module, opal reflector, 2100Lm brightness, 400K, 230V voltage. - ACQUA S 18 WH 4000K (with	pcs	7.00		

1	2	3	4	5	6	7
		driver)				
67	supplier price	CI-2. General indoor lighting lamps, IP65, IK02, with at-sight mounting on the ceiling, 18W LED module, opal reflector, 1900Lm brightness, 4000K, 230V supply voltage - CD Led 18W	pcs	2.00		
68	supplier price	CI-3. General indoor lighting lamps, IP20, IK02, at-sight mounting, 30W LED module, reflector with polished aluminum foil, 3000LM brightness, 4000K, 230V supply voltage - ARS/R LED 595	pcs	10.00		
69	supplier price	CI-4. Safety lamp with the inscription "Exit", of permanent type, IP22, with at-sight mounting on the ceiling or on the wall, 4W LED, 150 Lm brightness, 230V supply voltage, 3 hours operating autonomy - MARS 2223-4	pcs	4.00		
70	supplier price	CI-5. General indoor lighting lamps, IP20, IK02, at-sight mounting, 18W LED module, opal reflector, 3600Lm brightness, 4000K, 230V supply voltage - OPL/R ECO LED	pcs	5.00		
71	supplier price	CI-6. General indoor lighting lamps, IP20, IK02, recessed, 32W LED module, opal reflector, 3600Lm brightness, 4000K, 230V supply voltage - OPL/R ECO LED	pcs	26.00		
72	supplier price	CI-7. Built-in sensor lamp (motion, infrared, brightness and operating time), IP54, IK10, at-sight mounting, 13W LED module, matt reflector, 1200LM brightness, 4000K, 230V supply voltage. ULT-V21-V31-12W-sensor-IP65	pcs	2.00		
		<i>Total</i>	US\$			
		<i>Supply-storage expenses</i>	%			
		Total Machines Including wages	U S\$ U S\$			
		Total	US\$			
		Total estimate:	US\$			
		Including wages	US\$			

Bidder

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**Reconstruction, replanning, modernization of
the space on the ground floor of the
Municipality of Ungheni, needed to arrange
the public services, to create the `Single
window`**

(objective title)

**List of quantities of works
Architectural solutions**

Currency of the offer **US\$**

No.	Norm symbol and Resource code	Works and expenses	U. M.	Quantity according to project data	Estimate value, US\$	
					Per unit of measurement incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Dismantling				
1	RpCG29C1	Demolition by mechanical means of masonry walls made of solid brick, BCA, ceramic or light concrete blocks, GVP bricks, excluding scaffolding and brick cleaning, for demolition by mechanical means	m3	15.68		
2	RpCO56B	Dismantling: Armstrong ceilings	m2	276.89		
3	RpCK42C	Removing cold floors from concrete, marble, stone, tiles, ceramic tiles, etc.	m2	80.89		
4	RpCK42A	Removing cold concrete or cement mortar floors	m2	80.89		
5	RCsU05F1	Making of holes for pipes or tie rods in stone or reinforced concrete walls 16-25 cm thick, for making the holes by mechanic means	pcs	4.00		
6	RCsU05I1	Making of holes for pipes or tie rods in stone or reinforced concrete walls 26-50 cm thick, for making the holes by mechanic means	pcs	2.00		
7	TsI51A10	Transportation of soil with 10t dump truck at 10 km distance	t	50.70		
8	TsH92B	Loading of soil with boulders, stones into the vehicle	t	50.70		
		<i>Total</i>			US\$	
		Total Dismantling Including wages			US\$ US\$	
		2. Closures and partitions				
9	CD72D	Flat partition walls of regular 12.5 mm PGC, with the thickness of 150 mm on simple metal casing with two-layer PGC plywood on both sides with insulation, up to 4 m high. The sound proofing coefficient of the partition walls will provide the value of Rw=49 dB Small Material (water, rags, etc.)=1.0050	m2	18.20		
10	CD66C	Brick masonry, 250 x 120 x 65 mm, with reinforced partition walls, 1/2 brick thickness, with manual	100 m2	0.11		

1	2	3	4	5	6	7
		preparation of mortar M-50, floor height up to 4 m				
11	CK27C	Glazing made of plastic Profiles, with 1-chamber double-glazed windows, semi-transparent (30%), for constructions with heights up to 35 m made of fixed panels and door sheets, including 5-key locks and aluminum handle. Stained glass	m2	9.61		
		<i>Total</i>	US\$			
		<u>Total Closures and partitions</u> Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		3. Ceilings				
12	CK29F	Suspended ceilings from prefabricated "Armstrong" panels, including the grid system	m2	255.92		
		<i>Total</i>	US\$			
		<u>Total Ceilings</u> Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		4. Walls				
13	CN53A	Priming of interior surfaces of walls and ceilings	m2	210.86		
14	CF02B	Interior plasters 2 cm thick, dried, executed manually, on walls or pillars, on flat surfaces with cement-lime mortar brand M 100-T for sprites, primer and the visible layer, on brick masonry or small concrete blocks	m2	210.86		
15	CF02B5 k=2	Interior plasters 2 cm thick, dried, executed manually, on walls or pillars, on flat surfaces with cement-lime mortar brand M 100-T for sprites, primer and the visible layer, on brick masonry or small concrete blocks, additional difference for each 0.5 cm of thickness	m2	210.86		
16	CN53A	Priming of interior surfaces of walls and ceilings	m2	210.86		
17	CF50B	Interior 5 mm thick plasters, executed manually, with dry mixture on the basis of plaster, to walls and partitions, mortar prepared manually.	m2	93.21		
18	CF17C	Fiberglass interlayer weighting 80 kg/m2, applied in the dry mixture plaster component	m2	93.21		
19	CF57A	Manual application of putty based on plaster thickness of 1.0 mm on the surfaces of walls, columns and ceilings	m2	93.21		
20	CN53A	Priming of interior surfaces of walls and ceilings	m2	93.21		
21	CN06A	Interior painters with paint based on vinyl copolymers in aqueous	m2	93.21		

1	2	3	4	5	6	7
		emulsion, washable, applied in 2 layers on existing polishing plaster coat, executed manually				
22	CI22B	Ceramic tiling (on walls, pillars, pilasters and sills) fixed by glue (dry mix), dimensions of tiles: dimensions and color to be coordinated with the Beneficiary	m2	117.65		
23	CI25A application	Mirror decorations execution	m2	5.80		
24	CL53F	Installation of the ventilated facade system with plywood of the walls of buildings and constructions with linear metal panels in horizontal arrangement with hidden fastening, with the surface of the architectural details over 30% of the total surface of the walls.	m2	29.66		
		<i>Total</i>	US\$			
		Total Walls Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		5. Floors				
25	CN53A k=2	Priming of interior surfaces with primer type "Betonokontakt", 2 times in perpendicular directions Manpower coefficient=2.0000 Coefficient for materials=2,0000 Machinery coefficient=2.0000	m2	255.92		
26	CG01A1	Support layer for floors made of cement mortar M 100-T 3 cm thick, finely leveled.The additional difference for each +/- 0,5 cm of support layer of mortar M 100-T, to be added or subtracted	m2	255.92		
27	CG01A1 k=4	The difference for each +/- 0,5 cm of support layer of mortar M 100-T, to be added or subtracted Manpower coefficient=4.0000 Coefficient for materials=4.0000 Machine coefficient=4.0000	m2	255.92		
28	CN53A k=2	Priming of interior surfaces with primer type "Betonokontakt", 2 times in perpendicular directions Manpower coefficient=2.0000 Coefficient for materials=2,0000 Machinery coefficient=2.0000	m2	255.92		
29	CG17D	Floors made of 9 mm thick ceramic tiles, including the support layer of adhesive mortar, executed on surfaces: larger than 16 m2	m2	255.92		
30	CI14B	Linear elements of ceramic tiles h = 100 mm, glued	m	260.00		
		<i>Total</i>	US\$			
		Total Floors Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		6. Woodwork				
31	CK03A	Wooden plywood door, RAL 7042,	m2	17.33		

1	2	3	4	5	6	7
		in a sash, including water-repellent and thermal insulation of the frame, mounted on existing grilles in constructions with heights up to 35 m				
32	CK33C	Door handle with Yalle system lock with 5 keys and aluminum handle	pcs	11.00		
		<i>Total</i>	US\$			
		Total Woodwork Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		Total	US\$			
		Social and medical insurance	24 %			
		Transportation expenses	%			
		Supply-storage expenses	%			
		Total				
		Administrative costs	%			
		Total				
		Benefit of the estimate	%			
		Total estimate: Including wages				

Drawn up by
bidder

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**Reconstruction, replanning, modernization of
the space on the ground floor of the
Municipality of Ungheni, needed to arrange
the public services, to create the `Single
window`**

(objective title)

List of quantities of works

Water supply and sanitation networks

Currency of the offer US\$

No.	Norm symbol and Resource code	Works and expenses	U. M.	Quantity according to project data	Estimate value, US\$	
					Per unit of measurement incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Cold water supply system B1				
1	SA15B	PN10 polypropylene pipe joined by polyfusion welding, in connecting pipes, to sanitary objects, to living and social-cultural objects, having the diameter of 20*2.8 mm	m	15.00		
2	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, having the diameter and thickness starting D=20x9 mm Small materials=1.0500	m	15.00		
3	SF01C	Under pressure testing of the sealing of the hot or cold water supply installation, made of heavy vinyl polychloride or of plastic, with the diameter 16 - 110 mm	m	15.00		
4	SF02C	Under pressure testing of the sealing of the cold water supply installation, made of heavy vinyl polychloride or of plastic, with the diameter 16 - 110 mm	10 m	1.50		
5	SF05C	Washing the installation for cold and hot water supply, made of plastic pipes, having a diameter of 20-75 mm	m	15.00		
6	SD06A	Ball-butterfly valve with Dutch plug and connection, for steel pipe, 1/2" diameter Small Material (hemp plant, linseed oil, minium primer etc)=1,0200	pcs	7.00		
		<i>Total</i>			US\$	
		<u>Total Cold water supply system B1</u> Including wages			U SS U SS	
		2. Hot water supply system T3				
7	SA15B	PN10 polypropylene pipe joined by polyfusion welding, in connecting pipes, to sanitary objects, to living and social-cultural objects, having the diameter of 20*2.8 mm	m	12.00		

1	2	3	4	5	6	7
8	RpIF09A	Insulation of pipes with special insulation sleeves, inserted on pipes, having the diameter and thickness starting D=20x9 mm Small materials=1.0500	m	12.00		
9	SF01C	Under pressure testing of the sealing of the hot or cold water supply installation, made of heavy vinyl polychloride or of plastic, with the diameter 16 - 110 mm	m	12.00		
10	SF02C	Under pressure testing of the sealing of the cold water supply installation, made of heavy vinyl polychloride or of plastic, with the diameter 16 - 110 mm	10 m	1.20		
11	SF05C	Washing the installation for cold and hot water supply, made of plastic pipes, having a diameter of 20-75 mm	m	12.00		
12	SD06A	Ball-butterfly valve with Dutch plug and connection, for steel pipe, 1/2" diameter Small Material (hemp plant, linseed oil, minium primer etc)=1,0200	pcs	3.00		
		<i>Total</i>	US\$			
		<u>Total Hot water supply system T3</u> Including wages	<u>U</u> <u>S\$</u> <u>U</u> <u>S\$</u>			
		3. Household sewerage C1				
13	SB08E k=2	Polypropylene pipe (PP-R) for sewerage, joined with rubber gasket, mounted at sight or buried under the floor, having a diameter of 110 mm (K=2 for connecting parts, supports) Manpower coefficient=2.0000 Coefficient for materials=2,0000 Machinery coefficient=2.0000	m	10.00		
14	SB08C k=2	Polypropylene pipe (PP-R) for sewerage, joined with rubber gasket, mounted at sight or buried under the floor, having a diameter of 50 mm (K=2 for connecting parts, supports) Manpower coefficient=2.0000 Coefficient for materials=2,0000 Machinery coefficient=2.0000	m	4.00		
15	SF04A	Testing the sealing and operation of the sewerage installation made of cast iron pipes, for drainage, the vinyl polychloride pipe, unplastered, light or plastic, ductile iron pipe having the diameter of 100 mm including	10 m	1.40		
		<i>Total</i>	US\$			
		<u>Total Household sewerage C1</u> Including wages				
		4. Sanitary equipment				
16	SC04C	Ceramic washbasin, including for disabled persons, having plastic drain pipe, mounted on a pedestal Small material (codez, wooden dowel pins, plaster, etc.)=1.0200	pcs	3.00		

1	2	3	4	5	6	7
17	SD04A	Mixer battery with infrared sensor, 1/2"diameter sink stand	pcs	3.00		
18	SC07B1	Toilet bowl, fully equipped, made of semi-porcelain, sanitary porcelain, etc. including for people with disabilities, placed on the floor, with the water tank mounted on the bowl, at height or semi-height, having the inner siphon type P Small Material (wood dowel pins, plaster, wood screws, codez, dychloroethane, etc.)=1.0300	pcs	3.00		
		<i>Total</i>	US\$			
		Total Sanitary equipment Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		Total	US\$			
		Social and medical insurance	24 %			
		Transportation expenses	%			
		Supply-storage expenses	%			
		Total				
		Administrative costs	%			
		Total				
		Benefit of the estimate	%			
		Total estimate:	<u>US\$</u>			
		Including wages	<u>US\$</u>			

Bidder

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**Reconstruction, replanning, modernization of
the space on the ground floor of the
Municipality of Ungheni, needed to arrange
the public services, to create the `Single
window`**

(objective title)

**List of quantities of works
Fire alarm**

Currency of the offer US\$

No.	Norm symbol and Resource code	Works and expenses	U. M.	Quantity according to project data	Estimate value, US\$	
					Per unit of measurement incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Mounting works				
1	10-04-112-01	Telecommunications and signaling: fire panel on the wall or in the niche, quantity pairs: up to 20	pcs	1.00		
2	10-01-039-06	Various pieces: Ethernet interface Lan/RS485, 24V, 10mA with preparation of the installation site	pcs	1.00		
3	10-08-003-03	Ultrasound devices: power supply block	pcs	2.00		
4	08-03-575-1 adopted	Battery installation in the board	pcs	3.00		
5	10-08-003-04	Ultrasound devices: converter (ATS-100)	pcs	1.00		
6	10-08-002-02	Automated "SI" warning devices: smoke alarms in regular execution	pcs	18.00		
7	08-03-591-3 applicable	Manual fire alarm switch	100 pcs	0.03		
8	08-03-593-9	Installation of alarm devices - sirens	100 pcs	0.02		
9	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, to be fixed with staples, diameter up to 25 mm	100 m	2.00		
10	supplier price	Corrugated pipe U-PVC, 750n, d=20 mm	l.m.	200.00		
11	08-02-412-2	Introduction of conductors in metal pipes and hoses: first single-wire or multi-wire conductor in common weaving, summary section up to 6 mm ²	100 m	3.00		
12	supplier price	Signal cable with 2 copper conductors, conductor section 0.80 mm ² , fire resistant (FR) with halogen-free (HF) PVC insulation, FE180, E30 PH120	l.m.	280.00		
13	supplier price	Cable with solid copper conductors 2x4x24awg, cat.6A, double shielded, with halogen-free PVC (HF) FTP type insulation	l.m.	20.00		

1	2	3	4	5	6	7
		<i>Total</i>	US\$			
		<i>Social insurance</i>	24 %			
		<i>Transportation expenses</i>	%			
		<i>Supply-storage expenses</i>	%			
		<i>Total</i>				
		<i>Administrative costs</i>	%			
		<i>Total</i>				
		<i>Benefit of the estimate</i>	%			
		Total Mounting works Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		2. Machinery				
14	supplier price	Fire panel - conventional fire detection switch, in metal cabinet, with central LCD touchscreen display unit, U=24V, 90MA, IP54, for 4 security zones, with output for: 1 alarm siren; 1 radio transmitter	pcs	1.00		
15		Ethernet interface Lan/RS485, 24V, 10mA	pcs	1.00		
16	supplier price	Backup power supply I=1.4 A, U=12VIN IP54 case	pcs	1.00		
17	supplier price	Backup power supply I=7A, U=24V in IP54 case	pcs	1.00		
18	supplier price	Battery 12V,12A * h	pcs	3.00		
19	supplier price	Radio emitter Lars, LARS1, 1500ma, ATS-100 type	pcs	1.00		
20		Conventional optical smoke detector, configurable sensitivity to: 0.09 dB / m, 40mA, operating voltage 10-30 VDC, Operating Temperature -5°C +40°C, with mounting socket	pcs	18.00		
21		Manual button for conventional fire signalling - resettable with key, without glass window, operating voltage 10-30 VDC, operating temperature -5°C +40°C, IP67 protection degree	pcs	3.00		
22	supplier price	Optical and acoustic signal of red color, supply voltage 10-60Vdc, maximum current absorbed by siren - 500mA, acoustic level @1m-94 - 106dB(A)configurable, IP65, operating temperature - 25°C / +70°C	pcs	2.00		
		<i>Total</i>	US\$			
		<i>Supply-storage expenses</i>	%			
		Total Machines Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		Total	US\$			
		Total estimate: Including wages	<u>US\$</u> <u>US\$</u>			

Bidder

(position, signature, name, surname)

Verified

(position, signature, name, surname)

**Reconstruction, replanning, modernization of
the space on the ground floor of the
Municipality of Ungheni, needed to arrange
the public services, to create the `Single
window`**

(objective title)

**List of quantities of works
Telephone and signalling communications**

Currency of the offer **US\$**

No.	Norm symbol and Resource code	Works and expenses	U. M.	Quantity according to project data	Estimate value, US\$	
					Per unit of measurement incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Mounting works 1.1. Data transmission system (LAN)				
1	10-06-037-05	Cabinets, boxes and doses for pipe installations: wall cabinet, size, mm, up to: 640X840-RACK 19" 15U, 9U	pcs	1.00		
2	08-03-591-11	Installation of PDU	100 pcs	0.01		
3	08-03-575-1 adopted	Cabinet mounting of modular 24 ports Patch Panel	pcs	1.00		
4	08-03-575-1 adopted	Cabinet mounting of cable organizer	pcs	2.00		
5	08-03-575-1 adopted	Cabinet mounting - shelves	pcs	2.00		
6	08-03-575-1 adopted	Cabinet mounting of 19" Switches	pcs	2.00		
7	10-04-101-08	Subscriber equipment and miscellaneous equipment: Wi-Fi access point	pcs	2.00		
8	08-03-575-1 adopted	Cabinet mounting of the UPS back-up power supply	pcs	1.00		
9	10-02-051-04	Cable connection points between sections of a stand: without laying in cable channel: FTP patch cord	100 pcs	0.40		
10	bidder price	Patch Cord 2.0 m, copper, FTP Cat.6	pcs	20.00		
11	bidder price	Patch Cord 0,5 m, copper, FTP Cat.6	pcs	20.00		
12	10-04-066-07	Wall appliances: RJ-45 socket	pcs	18.00		
13	supplier price	RJ45 socket - frame and support, wall installation. including mounting dose	pcs	18.00		
14	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, to be fixed with staples, diameter up to 25 mm	100 m	7.00		
15	supplier price	Corrugated pipe U-PVC, 750n, d=20 mm	l.m.	700.00		
16	08-02-412-2	Introduction of conductors in metal pipes and hoses: first single-wire or	100 m	8.00		

1	2	3	4	5	6	7
		multi-wire conductor in common weaving, summary section up to 6 mm2				
17	supplier price	Cooper conductors cable 2x2x4, 24 AWG, Cat.6, with double screen - S/FTP Cat6 - 4 pairs 24AWG	l.m.	800.00		
		<i>Total</i>	US\$			
		<u>Total Data transmission system (LAN)</u> Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		1.2. Video surveillance system				
18	10-04-077-01	Main unit equipment: Video recorder	pcs	1.00		
19	10-04-101-10	Subscriber and miscellaneous machines: 3.5 " HDD	pcs	2.00		
20	10-04-067-23	Camera video control device	pcs	4.00		
	Supplier price	Switch PoE	buc.	1		
	Supplier price	Patch cord l=1m	buc	2		
21	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, to be fixed with staples, diameter up to 25 mm	100 m	2.00		
22	supplier price	Corrugated pipe U-PVC, 750n, d=20 mm	l.m.	200.00		
23	08-02-412-2	Introduction of conductors in metal pipes and hoses: first single-wire or multi-wire conductor in common weaving, summary section up to 6 mm2	100 m	2.50		
24	supplier price	Cooper conductors cable 2x2x4, 24 AWG, Cat.6, with double screen - S/FTP Cat6 - 4 pairs 24AWG	l.m.	250.00		
25	supplier price	RJ-45 cat. 6A connector	pcs	10.00		
		<i>Total</i>	US\$			
		<u>Total Video surveillance system</u> Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		1.3. Staff call system				
26	10-08-001-05	Receivers - Controller for personnel call system	pcs	1.00		
27	10-01-039-06	Various pieces: button with mounting place preparation	pcs	2.00		
28	08-03-593-10	Signal emergency wall lamp	100 pcs	0.01		
29	10-08-003-03	Fully assembled power block including PE box	pcs	1.00		
30	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, to be fixed with staples, diameter up to 25 mm	100 m	0.45		
31	supplier price	Corrugated pipe U-PVC, 750n, d=20 mm	l.m.	45.00		

1	2	3	4	5	6	7
32	08-02-412-2	Introduction of conductors in metal pipes and hoses: first single-wire or multi-wire conductor in common weaving, summary section up to 6 mm2	100 m	0.50		
33	supplier price	Signal cable with 2 copper conductors, conductor section 0.80 mm2, fire resistant (FR) with halogen-free (HF) PVC insulation, FE180, E30 PH120	1.m.	50.00		
		<i>Total</i>	US\$			
		Total Staff call system Including wages	U S\$ U S\$			
		<i>Total</i>	US\$			
		<i>Social insurance</i>	24 %			
		<i>Transportation expenses</i>	%			
		<i>Supply-storage expenses</i>	%			
		<i>Total</i>				
		<i>Administrative costs</i>	%			
		<i>Total</i>				
		<i>Benefit of the estimate</i>	%			
		Total Mounting works Including wages				
		2. Machinery 2.1. Data transmission system (LAN)				
34	supplier price	Rack, 19", 15U, 2 cable vertical management, gab. 600x600 mm, glass front door with locks, perforated side panels with locks with built-in ventilator (detailed description see drawing 5 of the design 03/2020-2-TS)	pcs	1.00		
35	supplier price	PDU (Power distribution unit), 16A, 200-240V, 50/60Hz, 4xCEE 7/4, 1-Ethernet, Single Phase, Vertical mounting for rack	pcs	1.00		
36	bidder price	Patch-panel modular 24xRJ45 Cat6 SFTP, with Jack RJ45 fully shielded, 19", 1U	pcs	1.00		
37	bidder price	Horizontal cable management 1U (Cable organizer)	pcs	2.00		
38	supplier price	Perforated shelves for RACK cabinet 19", useful mass - up to 100 kg	pcs	2.00		
39	supplier price	24 port access switch RJ-45 auto-negotiating 10/100/1000 Mbps, 4 x 10Gbps combo ports, 19", 1U, rack mount	pcs	1.00		
40	supplier price	RJ45 PoE 5 port Fast Ethernet Switch	pcs	1.00		
41	supplier price	Wi-Fi access point	pcs	2.00		
42	supplier price	UPS 19" power supply, 750VA/500W	pcs	1.00		
		<i>Total</i>	US\$			

1	2	3	4	5	6	7
		Total Data transmission system (LAN) Including wages	U S\$ U S\$			
		2.2. Video surveillance system				
43	supplier price	Registrator video IP, Digital Video Recorder with the below specs: - 4-channels analog video input - 4 Mega Pixel video input resolution - 4 Mega Pixel Video recording and Playback - Support H.265+/H.265/H.264 ++/H.264 Video Compression - Support frame rate of 25fps at 4 Mega Pixel mainstream - Support Network Protocols TCP/IP, DHCP, DNS, DDNS, NTP, NFS, iSCSI, UPnP, HTTPS, ONVIF - Support SATA interfaces of a Minimum 1 Slot - Support Hard Disk Size of minimum 3 TB size at each slot - Support Network interface minimum of 1 port RJ45 10M/100M self-adaptive Ethernet interface - Has a minimum of 2 USB Ports, one of them shall be at front side - Working temperature from -10 °C to +55 °C - Working Humidity from 10% to 90% - HDMI output interface with a minimum 1920 × 1080/60Hz resolution - VGA output interface with a minimum 1920 × 1080/60Hz resolution with PoE power supply, with min. 16 channels, with PoE 802.3af switch, 2 SATA interface, with space for 2 3Tb hard disks for image storage for 15 days in min. 2 Sqm, max. 250W, including connection cables	pcs	1.00		
44	supplier price	Hard disk for video surveillance, 6 TbHard Disk Drive with the below specs: - Internal SATA 3.5 inches Hard Drive - Size of minimum 3 Terabytes for 24/7 Surveillance mode - 5400 RPM Performance Class - 6 Gb / s SATA interface buffer - Cash Size 64 MB	pcs	1.00		
45	supplier price	Indoor Camera with the below specs: - Minimum of 4 Mega Pixel Analog Camera - Minimum Frame Rate of 2688 × 1520 at 20fps - Minimum Illumination of Color mode 0.8 Lux and 0 Lux with IR mode	pcs	4.00		

1	2	3	4	5	6	7
		<ul style="list-style-type: none"> - Lens size 2.8mm or 3.6mm - viewing / wide angle: min 80 ° - IR range: minimum 30 meters - WDR support - Operating Humidity from 10% to 90% - Day & Night: IR cut filter - Synchronization: Internal synchronization - AGC: Support - D / N Mode: Auto / Color / BW (Black and White) - White Balance: ATW / MWB - BLC: Support - Functions: Brightness, Sharpness, DNR, Mirror, Smart IR - Power Supply: 12 VDC ± 25%, PoE - Power Consumption: Max. 5 W - Material: Plastic - Accessories: Mountable Bracket allowing both ceiling and wall options. 4 MP, 1/3 "CMOS sensor, progressive scan, IR = 10m, 2.8 mm, PoE (802.3af), including mounting accessories 				
		POE Switch with the below specs: <ul style="list-style-type: none"> - 4 POE ports 10/100 Mbps - 1 uplink port - Individual LED indicator for each output - Min POE port power Consumption: Max. 30 W, - Power Supply 	pcs	1		
		Full Installation that includes: <ul style="list-style-type: none"> - Supply, install, connect and commission surveillance and recording System, including all required works, decorative trunk, conduits, cables, wires and fittings 	pcs	1		
		Training: <ul style="list-style-type: none"> - Training for 1 Administrator is needed. - Training length shall not be less than 1 hour 	pcs	1		
		<i>Total</i>	US\$			
		<u>Total Video surveillance system Including wages</u>	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		2.3. Staff call system				
46		Controller for personnel call system, In=1.0 A, U=12V, including all necessary accessories	pcs	1.00		
47		Call button for personnel calling system, IP44, with chain, including all necessary accessories	pcs	1.00		
48		Stop call button for personnel calling system, IP20, including all necessary accessories	pcs	1.00		

1	2	3	4	5	6	7
49		LED signal lamp for personnel calling system, IP20, including all necessary accessories	pcs	1.00		
50	supplier price	Power supply In=2A, U = 12V in PE IP31 box	pcs	1.00		
		<i>Total</i>	US\$			
		<u>Total Staff call system</u> Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		<i>Total</i>	US\$			
		<i>Supply-storage expenses</i>	%			
		Total Machines Including wages	<u>U</u> <u>SS</u> <u>U</u> <u>SS</u>			
		Total	US\$			
		<u>Total estimate:</u> Including wages	<u>US\$</u> <u>US\$</u>			

Bidder

_____ (position, signature, name, surname)

Verified

_____ (position, signature, name, surname)