

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-1
Architectural solutions (42/21-SA)

(name of the work)

Bid currency: US\$

No.	Norm symbol and resource code	Denomination of the works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Dismantling		
1	RpCG29C1	Mechanical demolition of masonry walls of solid brick, BCA, ceramic or light concrete blocks, GVP bricks, excluding scaffolding and cleaning of bricks, for mechanical demolition	m3	2.48
2	RpCO56B	Disassembly: Armstrong ceilings	m2	151.00
3	RpCO56B	Disassembly: decorative wall finishing	m2	82.10
4	RpCK41B	Dismantling the flooring of laminated parquet, including the skirting boards	m2	59.83
5	RpCJ35A	Dismantling interior or exterior plastering on walls or ceilings	m2	101.70
6	RpCO56A	Dismantling: wooden carpentry items (doors, windows, shutters, boxes, roll, covers, etc.)	m2	31.22
7	RpCP44A	Dismantling metal construction with the recovery of materials	kg	362.00
8	RCsU05F1	Execution of perforations for pipes and rods in walls made of stone or reinforced concrete with the thickness of 16 -25 cm, for mechanized execution of perforations	piece	4.00
9	RCsU05I1	Execution of perforations for pipes and rods in walls made of stone or reinforced concrete with the thickness of 26 - 50 cm, for mechanized execution of perforations	piece	2.00
10	RpCU09C	Transportation with manual means by direct carrying to a distance of 60 m with a load of up to 50 kg (1 m transported vertically shall be considered as 10 horizontally)	t	15.70
11	TsI51A10	Transportation of the ground with the 10 t dumper to a distance of 10 km	t	15.70
12	TsH92B	Loading the soil (ground) in vehicle, with boulders, with stones	t	15.70
		Total Dismantling, Incl. salary	US\$ US\$	
		Chapter 2. Closures and compartmenting		
13	CD66C	Brickwork, of 250 x 120 x 65 mm format, in reinforced partition walls, with the thickness of 1/2 brick, with manual preparation of the M-50 mortar, floor height up to 4 m	100m2	0.09
		Total, Closures and compartmenting Incl. salary	US\$ US\$	
		Chapter 3. Ceilings		
14	CK29F	Suspended ceilings of "Armstrong" prefabricated, including the grill system	m2	30.87
15	CF59D	Plating of surfaces with a layer of hydrophobic PGC with the thickness of 12.5 mm, with the execution of a simple flat metal frame of CD and UD profiles, with the height of up to 4 m: ceilings without insulation	m2	29.78
16	CF59F	Plating of surfaces with a layer of hydrophobic PGC with the thickness of 12.5 mm, with the execution of a simple flat metal frame, with the height of up to 4 m: jambs	m2	2.60

1	2	3	4	5
17	CF57A k=2	Manual application of gypsum-based putty, with the thickness of 2.0 mm on plasterboard surfaces	m2	32.38
18	CN53A	Priming the internal surfaces with primer based on quartz sand	m2	90.91
19	CF52B	Interior coating with the thickness of 5 mm, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar	m2	90.91
20	CF53B k=5	Interior coating with the thickness of 5 mm, executed manually, with gypsum-based dry mixture, for the ceiling, manual preparing of the mortar. The plus or minus difference for each 1.0 mm (to be added or subtracted to/from art. CF52)	m2	90.91
21	CF57A	Manual application of gypsum-based putty, with the thickness of 1.0 mm on the surfaces of walls, columns and ceilings	m2	90.91
22	CF56A	Manual application of the putty for interior works, with the thickness of 0.5 mm on the surfaces of walls, columns and ceilings	m2	123.29
23	CN53A	Priming the interior surfaces of walls and ceilings	m2	123.29
24	CN06A	Interior painting with paints based on acryl-polymers with high resistance, washable, applied in 2 layers on the existing putty, executed manually	m2	123.29
		Total, Ceilings, Incl salary	US\$ US\$	
		Chapter 4. Walls		
25	CN53A	Priming the interior surfaces of walls and ceilings	m2	144.11
26	CF02B	Interior plastering with the thickness of 2 cm, troweled, executed manually, on stones or pillars, on flat surfaces with cement-lime mortar of M 100-T grade for sprayer, primer and visible layer, on brick masonry or small concrete blocks	m2	144.11
27	CF02B5 k=2	Interior plastering with the thickness of 2 cm, troweled, executed manually, on stones or pillars, on flat surfaces with cement-lime mortar of M 100-T grade for sprayer, primer and visible layer, on brick masonry or small concrete blocks, difference in addition for each 0.5 cm of thickness	m2	144.11
28	CN53A	Priming the internal surfaces or walls and ceilings	m2	144.11
29	CF50B	Interior plastering with the thickness of 5 mm, executed manually with gypsum-based dry mixture, on walls and partition walls, manual preparation of the mortar.	m2	144.11
30	CF17C	Fleece layer of fiberglass with the weight of 80 kg/m2, applied in the composition of the plaster with dry mixture	m2	144.11
31	CF57A	Manual application of the gypsum-based putty with the thickness of 1.0 mm on the surfaces of walls, columns and ceilings	m2	144.11
32	CF56A	Manual application of the putty for interior works with the thickness of 0.5 mm on the surfaces of walls, columns and ceilings	m2	144.11
33	CN53A	Priming the internal surfaces of walls and ceilings	m2	144.11
34	CN06A	Interior painting with high-resistance, washable acryl-polymer paint applied in 2 layers on the existing putty, executed manually	m2	144.11
35	CF59G	Plating the surfaces with a layer of MDF with the thickness of 18 mm, with the execution of the metal frame of UW50 and CW50 profiles with the thickness of 0.6 mm, with the opening of 600x600 mm, height above 4 m: walls without mineral wool insulation (Ksal=0.9)	m2	57.70
36	CJ04A	Cast, plant-made profiles applied in the interior with the expanded width up to 20 cm inclusive, on walls (B449-B464 type)	m	75.00

1	2	3	4	5
37	CJ04A	Cast, plant-made profiles applied in the interior with the expanded width up to 20 cm inclusive, on walls (B481-B496 type)	m	42.00
		Total, walls, Incl salary	US\$ US\$	
		Chapter 5. Flooring		
38	CG56B	Screed of "Nivelir" self-leveling mixture: thickness of 20 mm	m2	151.56
39	CG49A	Execution of the antibacterial coverage of commercial homogenous vinyl, with the minimum thickness of 2 mm, on flooring, including the mounting of skirting boards	m2	151.56
		Total Flooring, incl salary	US\$ US\$	
		Chapter 6. Carpentry works		
40	CK22C	Leaded windowpanes of aluminum profile, with double glazed 1 chamber window, semitransparent (30 %), on constructions with the height up to 35 m of fixed panels and door blades, including lock with 5 keys and aluminum handle. (U1 - 2.40x2.67(h) m)	m2	6.41
41	CK22C	Leaded windowpanes of aluminum profile, with double glazed 1 chamber window, semitransparent (30 %), on constructions with the height up to 35 m of fixed panels and door blades, including lock with 5 keys and aluminum handle. (U2 - 2.40x2.70(h) m)	m2	12.96
42	CK21D1	Doors made of aluminum profiles, on constructions with the height up to 35 m of fixed panels and door blades, including lock with 5 keys and aluminum handle. (U3 - 1.50x2.20(h) m)	m2	9.90
43	CK19B1	Aluminum windows with one casement, without openings, with double glazed 1 chamber window, semitransparent (30 %), on constructions with the height up to 35 m, with the case area between 3.00 and 6.00 sq. m. inclusive (F1 - 2.30x2.70(h))	m2	6.21
		Total, carpentry works, Incl salary	US\$ US\$	
		Chapter 7. Finishing of interior stairs		
44	CL17B	Various metal items, mounted on surface: railing	kg	164.67
45	IzD10C	Anticorrosive painting of metal items and constructions with handheld brush, with a layer of GF-021 primer and two layers of PF-115 enamel, of metal items and constructions executed of profiles with the thickness up to 7 mm inclusive	t	0.165
46	CF59D	Plating of surfaces with a layer of hydrophobic PGC with the thickness of 12.5 mm, with the execution of a simple flat metal frame of CD and UD profiles, with the height of up to 4 m: ceilings without insulation	m2	10.00
47	CF59D	Plating of surfaces with a layer of fibrocement with the thickness of 16 mm, with the execution of a simple flat metal frame of CD and UD profiles, with the height of up to 4 m: ceilings without insulation	m2	30.00
48	CF57A k=2	Manual application of the gypsum-based putty with the thickness of 2.0 mm on plasterboard surfaces	m2	40.00
49	CF56A	Manual application of the putty for interior works with the thickness of 0.5 mm on the surfaces of walls, columns and ceilings	m2	40.00
50	CN53A	Priming the internal surfaces of walls and ceilings	m2	40.00
51	CN06A	Interior painting with high-resistance, washable acryl-polymer paint applied in 2 layers on the existing putty, executed manually	m2	40.00

1	2	3	4	5
52	CG50B	Execution of flooring of fiber-concrete plates with the thickness of 20 mm, fixed on glue	m2	21.00
		Total, finishing of interior stairs, Incl salary	US\$ US\$	
		Chapter 8. Finishing of exterior stairs		
53	RpCK42C	Dismantling the cold flooring of concrete, marble, stone, floor tile, ceramic tiles, etc.	m2	113.00
54	RpCK01A	Repairing the support layer for flooring executed of concrete of the C-5/4 (B-75) grade with the thickness of 5 cm – adding 20 kg cement/mc of concrete, with scraped surface to ensure adhesion	m2	113.00
55	CG17D	Flooring of ceramic tile, including the support layer of adhesive mortar, executed on surfaces: larger than 16 m2	m2	113.00
56	RpCJ35A	Clearing interior or exterior troweled plastering on walls or ceilings	m2	11.20
57	CF10A	Exterior troweled plastering, on brickwork or concrete masonry with the thickness of 2.5 cm, executed manually, with M 25-T cement-lime mortar for primer and visible layer in continuous range	m2	11.20
58	RpCJ26A	Reconditioning the grain in exterior, old plastering (made with the broom or machine-made) executed with lime-cement mortar of 100-T grade for sprayer and lime-cement mortar of the 25-T grade for the visible layer in plastering having the visible layer of lime-cement mortar and sand	m2	11.20
		Total, Finishing of exterior stairs Incl salary	US\$ US\$	
		Chapter 8. Awning and joinery at the entrance		
59	CG01A	Support layer of 3 cm p / u floors made of M100-T cement mortar, with fine smooth surface	m2	20,80
60	CG01A, k=4	Support layer of 3 cm p / u floors made of M100-T cement mortar, with a fine smooth surface. The difference in addition were minus for every 0.5 cm of support layer of mortar is added and subtracted.	m2	20,80
61	CE17A	Additional polymeric layer - vapor barrier	m2	20,80
62	RcCH18A	Wooden skeleton for roofs p / u insulation awnings	m3	0,10
63	CN51D	Antiseptic treatment of carpentry on hidden surfaces with antiseptic pastes: beams, baskets	m3	0,10
64	CN50A	Fireproof treatment of carpentry: wood, arches, beams, rafters.	m3	0,10
65	CE06A	Corrugated, corrugated or corrugated profiled sheet metal covers, mounted on metal panels, made on surfaces larger than 40 sqm with fastening with special clips and mechanical screws, including the execution of mourning.	m2	45,00
66	CK21A	Doors made of aluminum profiles, including reinforcements and accessories necessary for masonry-mounted doors, in a wing, with a frame area of up to 7 sqm inclusive	m2	31,20
		Total, Awning and joinery at the entrance Incl salary	US\$ US\$	
		Total, direct expenses on chapters 1-8, Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	

1	2	3	4	5
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, Estimate document, Incl salary	<u>US\$</u> <u>US\$</u>	

Bidder

(signature, name, forename)

Stamp

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-2

Power electrical equipment / Interior electric lighting (42/21-EEF/IEI)

(denomination of the work)

Bid currency US\$

No.	Norm symbol and resource code	Denomination of the works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Mounting works		
1	08-03-572-3	Control unit executed of the cabinet type or distribution unit (cabinet) type, mounted on wall, height and width, mm, up to 600x600	piece	2.00
2	08-03-572-8	Control unit executed of the cabinet type or distribution unit (cabinet) type, mounted in niche, height and width, mm, up to 700x850	piece	1.00
3	supplier price	N neutral bar for 8 connections, 6x9x75 mm, In=100A, Un=400V	piece	1.00
4	supplier price	PE neutral bar for 8 connections, 6x9x75 mm, In=100A, Un=400V	piece	1.00
5	supplier price	N neutral bar for 12 connections, 6x9x120 mm, In=100A, Un=400V	piece	3.00
6	supplier price	PE neutral bar for 12 connections, 6x9x120 mm, In=100A, Un=400V	piece	3.00
7		Pictogram applied on board	piece	5.00
8	08-03-575-1	Device – automatic switchers, load-break switches	piece	29.00
9	08-03-575-1	Device: Voltage limiters	piece	1.00
10	08-03-575-1	Devices mounted in boards and cabinets: contactors	piece	1.00
11	08-02-148-1	Wire up to 35 kV in pipes, blocks and laid-down boxes, mass of 1 m up to: 1 kg	100 m	11.00
12	supplier price	Power cable with 3 copper conductors, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 1.5 mmp	m.l.	150.00
13	supplier price	Power cable with 4 copper conductors, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 1.5 mmp	m.l.	115.00
14	supplier price	Power cable with 3 copper conductors, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 2.5 mmp	m.l.	440.00
15	supplier price	Power cable with 5 copper conductors, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 4.0 mmp	m.l.	60.00
16	supplier price	Power cable with 5 copper conductors, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 6.0 mmp	m.l.	20.00
17	supplier price	Power cable with 3 copper conductors, without halogens, fire resistant, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 1.5 mmp	m.l.	130.00

1	2	3	4	5
18	supplier price	Power cable with 4 copper conductors, without halogens, fire resistant, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 1.5 mmp	m.l.	40.00
19	supplier price	Power cable with 3 copper conductors, without halogens, fire resistant, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 2.5 mmp	m.l.	85.00
20	supplier price	Power cable with 5 copper conductors, without halogens, fire resistant, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 2,5 mmp	m.l.	20.00
21	supplier price	Power cable with 4 copper conductors, fire resistant, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 1.0 mmp	m.l.	20.00
22	supplier price	Power cable with 1 copper conductor, without halogens, with low flame propagation, in case of fire it does not generate aggressive or corrosive compounds, conductor section of 4.0 mmp	m.l.	20.00
23	08-02-409-1	Vinyl plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 25 mm	100 m	10.35
24	supplier price	PE pipe for electrical mounting d=20 mm	m.l.	435.00
25	supplier price	PE pipe for electrical mounting d=25 mm	m.l.	600.00
26	08-02-409-2	Vinyl plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 50 mm	100 m	0.20
27	supplier price	PE pipe for electrical mounting d=32 mm	m.l.	20.00
28	08-03-591-2	Monopolar switch, of the buried type, for closed installation, including nozzle for device mounting	100 pcs	0.02
29	supplier price	Monopolar switch for closed installation, IP20, 10A, 220V	piece	2.00
30	08-03-591-5	Bipolar switch, of the buried type, for closed installation, including nozzle for device mounting	100 pcs	0.07
31	supplier price	Bipolar switch for closed installation, IP20, 10A, 220V	piece	7.00
32	08-03-591-9	Plug socket of the buries type, for closed installation, including nozzle for device mounting	100 pcs	0.31
33	supplier price	Plug socket for closed installation with earthing, IP20, 16A, 220V	piece	31.00
34	10-08-019-01	Power distribution box, incorporated mounting IP 20	piece	25.00
35	08-03-594-1	Lighting unit with LED Module (CI-1; 2; 3; 4; 5), number of lamps in the lighting unit, 1	100 pcs	0.32
		Total, Mounting works, Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, Mounting works, Incl salary	US\$ US\$	
		Chapter 2. Equipment		
36	supplier price	Distribution board of metal mounted visibly on the wall, with the capacity of 12 modules, IP31, provided with lock and bars of the DIN (TIA) type	piece	1.00
37	supplier price	Modular load-break switch, Un=400V, 3P, In=20A	piece	1.00
38	supplier price	Automatic monopolar switch, B characteristics, In=4A,	piece	2.00

1	2	3	4	5
		U=230V, Icu=4.5A		
39	supplier price	Distribution board of metal mounted visibly on the wall, with the capacity of T 36 modules, IP31, provided with lock and bars of the DIN (TD) type	piece	1.00
40	supplier price	Modular load-break switch, Un=400V, 3P, In=20A	piece	2.00
41	supplier price	Automatic monopolar switch, B characteristics, In=4A, U=230V, Icu=4.5A	piece	4.00
42	supplier price	Automatic differentiated current switch, bipolar, with "AC" characteristics, In=16A, 30mA, Un=230V	piece	8.00
43	supplier price	Voltage limiter, class II(C) with 4 poles	piece	1.00
44	supplier price	Distribution board of metal mounted in niche, with the capacity of 24 modules, IP31, provided with lock and bars of the DIN (TDsv) type	piece	1.00
45	supplier price	Modular load-break switch, Un=400V, 3P, In=32A	piece	1.00
46	supplier price	Tripolar modular contactor, 1 normal open contact, Un=400V, Ub=230V, In=12A de tip KMI 11210	piece	1.00
47	supplier price	Automatic monopolar switch, C characteristics, In=16A, U=230V, Icu=4.5A	piece	4.00
48	supplier price	Automatic tripolar switch, C characteristics, In=25A, Un=400V, Icu=4.5A	piece	1.00
49	supplier price	Automatic monopolar switch, C characteristics, In=10A, U=230V, Icu=4.5A (AAR)	piece	3.00
50	supplier price	Automatic tripolar switch, C characteristics, In=20A, Un=400V, Icu=4.5A (TPD)	piece	1.00
51	supplier price	Automatic tripolar switch, C characteristics, In=32A, Un=400V, Icu=4.5A	piece	1.00
52	supplier price	CI-1. Lighting unit for general interior lighting, IP54/IP20, IK02, with incorporated mounting, LED 22W module, opal reflector, luminous beam: 2100Lm, 4000K, supply voltage: 230V	piece	2.00
53	supplier price	CI-2. Lighting unit for general interior lighting, IP20, IK02, with incorporated mounting, LED 32W module, opal reflector, luminous beam: 3600Lm, 4000K, supply voltage: 230V	piece	12.00
54	supplier price	CI-3. Lighting unit for general interior lighting, IP20, IK02, with visible mounting, LED 30W module, reflector with polished aluminum foil, luminous beam: 3000Lm, 4000K, supply voltage: 230V	piece	12.00
55	supplier price	CI-4. Safety lighting unit with the inscription „Iesire“, of a permanent type, IP22, with visible mounting on the ceiling or wall, LED 4W, luminous beam: 150Lm, supply voltage: 230V, operating autonomy of 3 hours	piece	4,00
56	supplier price	CI-5. Lighting unit with incorporated sensor (movement, infrared, luminosity and acting time), IP54, IK10, with visible mounting, LED 13W module, opaque reflector, luminous beam: 1200Lm, 4000K, supply voltage: 230V	piece	2.00
		Total, Equipment	US\$	
		Supply and warehousing expenses, %	US\$	
		Total, Equipment	US\$	
		Total, Estimate document, Incl. Salary	US\$	
			US\$	

Bidder

(signature, name, forename)

Stamp

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-3
Heating, ventilation and conditioning (42/21-IVC)

(denomination of the work)

Bid currency US\$

No.	Norm symbol and resource code	Denomination of the works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Construction works		
1	VA19A	Mounting the ventilation channels at the height from the floor up to 3 m of zinc sheet with the thickness of 0.5 mm, with the circular section diameter of 160; 200 mm.	m2	30.77
2	VA22C	Mounting the ventilation channels at the height from the floor up to 3 m of zinc sheet with the thickness of 0.7 mm with the perimeter: up to 1800 mm.	m2	48.00
3	IzH07B	Insulating the pipes with foamed, self-gluing rubber with the thickness of 10 mm	m2	6.00
4	IzH07B	Insulating the pipes with foamed, self-gluing rubber with the thickness of 5 mm	m2	40.00
5	CL20A	Readymade ventilation grills of galvanized steel, non-regulable, mounted on the masonry, D=200 mm	piece	2.00
6	VB26A	Mounting the air discharge diffuser, with D=160 mm of the DVS type	piece	6.00
7	VB26A	Mounting the air admission diffuser, with D=160 mm of the P-DVS type	piece	6.00
8	CL20A	Readymade ventilation grills of anodized aluminum, regulable, in 2 rows, mounted on the masonry, section 400x150 mm	piece	25.00
9	SA16C	Polypropylene pine PN10, joined by polyfusion welding, in columns, with the diameter of 32x4.4 mm	m	35.00
10	RpIF09A	Insulating the pipes with special insulation collars, introduced on the pipes, with the diameter and thickness from D=32x9 mm	m	35.00
		Total, chapter 1. Construction works,	US\$	
		Incl salary	US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, chapter 1. Construction works,	US\$	
		Incl salary	US\$	
		Chapter 2. Mounting works		
11	VC16A	Mounting the unit for partial air treatment inside, ALTPA type/analogue, by aspiration, filtering, ventilation, heating, cooling, discharging, with a debit of treated air of 3,000 – 7,500 mc/h	piece	1.00
12	VC37A	Mounting the household air conditioning devices (split-system) engine power up to 4.5 kw, from the stairs (K1, K2, K3). Note: Unit consumption on copper pipes for each	piece	4.00

1	2	3	4	5
		diameter - 9.50 m/piece, thermal insulation of copper pipes - 19.0 m/piece. with modification in the position norm		
13	VB09B applied	Flexible coupling on ventilators	piece	4.00
14	VB17A	Noise attenuating device, circular, of the AZC type, with the perimeter of 800 - 1600 mm	piece	2.00
15	VB26A applicative	Mounting the air valves	piece	2.00
		<u>Total, Chapter 2. Mounting works ,</u> <u>Incl salary</u>	<u>US\$</u> <u>US\$</u>	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		<u>Total, Chapter 2. Mounting works ,</u> <u>Incl salary</u>	<u>US\$</u> <u>US\$</u>	
		Chapter 3. Equipment		
16	bidder price	Aspiration-discharge installation with heat recuperator of plastic Q=700 m3/h, Pmax=410Pa, N=0.732kW, 380V, installed suspended on the ceiling, end-outline dimensions 462x950x895 mm, with electric radiator N=3.0 kW and remote command display of the Stouch type/analogue	piece	1.00
17	bidder price	Air conditioning unit with the following composition: PLA-M50EA + SUZ-KA50VA6	piece	4.00
18	supplier price	Flexible connection on ventilators, with the diameter of 200 mm	piece	4.00
19	supplier price	Noise attenuating device, circular D=200 mm, L=600 mm	piece	1.00
20	supplier price	Valve for ventilation channels D=200 mm	piece	2.00
		Total	US\$	
		Supply and warehousing expenses, %	US\$	
		Total, Chapter 3. Equipment	US\$	
		<u>Total, Estimate document,</u> <u>Incl salary</u>	<u>US\$</u> <u>US\$</u>	

Bidder

(signature, name, forename)

Stamp

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-4
Telephonic and signaling communications (11/2021-1-TS)

(denomination of the work)

Bid currency US\$

No.	Norm symbol and resource code	Denomination of the works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Construction works		
1	RpCU06A1	Execution of the trenches up to 5 cm depth in walls of brickwork of 5 x 50 cm ² , for mechanized execution	m	100.00
2	RpCU07D	Covering the trenches in walls of up to 50 cm ² , after installations or consolidations	m	100.00
		Total, Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		<u>Total, Chapter 1. Construction works Incl salary</u>	<u>US\$ US\$</u>	
		Chapter 2. Mounting works		
		Chapter 2.1. Data transmission system (LAN)		
3	10-06-037-05	Cases, boxes and doses for installations through pipes: Wall case, dimensions, mm, up to: 640x840 - RACK 19" 15U	piece	1.00
4	08-03-591-11	Mounting the PDU	100 pcs	0.01
5	08-03-575-1 adopted	Mounting the modular Patch Panel with 24 ports in the case	piece	1.00
6	08-03-575-1 adopted	Mounting the cable organizer in the case	piece	2.00
7	08-03-575-1 adopted	Mounting in the case - Shelves	piece	3.00
8	08-03-575-1 adopted	Mounting the 19" commuters in the case	piece	2.00
9	10-04-101-08	Subscriber equipment and various equipment: Wi-Fi access point	piece	2.00
10	08-03-575-1 adopted	Mounting the reserve supply block of the UPS type in the case	piece	1.00
11	10-02-051-04	Decks for cable connection between the sections of a stand: without placing in a cable channel: Patch cord FTP	100 pcs	0.40
12	bidder price	Patch Cord 2.0 m, copper, FTP Cat.6	piece	20.00
13	bidder price	Patch Cord 0.5 m, copper, FTP Cat.6	piece	20.00
14	10-04-066-07	Wall devices: RJ-45 socket	piece	9.00
15	supplier price	Socket with module 2 x RJ45 – frame and support, installation in the wall, including mounting dose	piece	9.00
16	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 25 mm	100 m	5.00
17	supplier price	Corrugated pipe U-PVC, 750N, d=20 mm	m.l.	500.00

1	2	3	4	5
18	08-02-390-1	Plastic channels with cap, section 25x16 mm, including all the necessary accessories (bends, caps, T-pieces, crosses, etc.)	100 m	1.40
19	08-02-412-2	Introduction of conductors in pipes and laid metal hoses: first mono-wire or multiwire conductor in common intertwining, summary section up to 6 mm ²	100 m	7.50
20	supplier price	Cable with copper conductors 2x2x4, 24 AWG, Cat.6, with double screening - S/FTP Cat6 - 4pairs 24AWG	m.l.	750.00
		<u>Total, Chapter 2.1. Data transmission system</u> Incl salary	US\$ US\$	
		Chapter 2.2. Video surveillance system		
21	10-04-077-01	Main unit equipment: Video recorder	piece	1.00
22	10-04-101-10	Subscriber equipment and various equipment: 3.5" HDD	piece	2.00
23	10-04-067-23	Video control device, video camera	piece	4.00
24	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 25 mm	100 m	0.50
25	supplier price	Corrugated pipe U-PVC, 750N, d=20 mm	m.l.	50.00
26	08-02-390-1	Plastic channels with cap, section 25x16 mm, including all the necessary accessories (bends, caps, T-pieces, crosses, etc.)	100 m	0.40
27	08-02-412-2	Introduction of conductors in pipes and laid metal hoses: first mono-wire or multiwire conductor in common intertwining, summary section up to 6 mm ²	100 m	1.20
28	supplier price	Cable with copper conductors 2x2x4, 24 AWG, Cat.6, with double screening - S/FTP Cat6 - 4pairs 24AWG	m.l.	120.00
29	supplier price	Connector RJ-45 cat. 6A	piece	10.00
		<u>Total, Chapter 2.2. Video surveillance system</u> Incl salary	US\$ US\$	
		<u>Total, Cap.1+Cap. 2</u> Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		<u>Total, Cap.1 Data transmission system +Cap. 2 Video surveillance system</u> Incl salary	US\$ US\$	
		Chapter 3. Equipment Chapter 3.1. Data transmission system (LAN)		
30	supplier price	Rack, 19", 15U, 2 cable management vertical, gab. 600x600 mm, frontal glass door with locks, perforated lateral panels with locks, with incorporated ventilator (see the detailed description in pl. 5 of the project 03/2020-2-TS)	piece	1.00
31	supplier price	PDU (Power distribution unit), 16A, 200-240V, 50/60Hz, 4xCEE 7/4, 1-Ethernet, Single Phase, Vertical mounting for rack	piece	1.00
32	bidder price	Patch-panel modular 24xRJ45 Cat6 SFTP, with Jack RJ45 fully shielded, 19", 1U	piece	1.00
33	bidder price	Cable management 1U (Cable organizer), horizontal	piece	2.00
34	supplier price	Perforated shelves for RACK 19" case, useful mass – up to 100 kg	piece	3.00

1	2	3	4	5
35	supplier price	Access commutator with 24 ports RJ-45 auto-negotiating 10/100/1000 Mbps, 4 x 10Gbps combo ports, 19", 1U, rack mount	piece	1.00
36	supplier price	Commutator Switch Fast Ethernet 5 ports RJ-45 PoE+	piece	1.00
37	supplier price	Wi-Fi access point	piece	2.00
38	supplier price	Supply unit: UPS 19", 750VA/500W	piece	1.00
		Chapter 3.2. Video surveillance system		
39	supplier price	Video IP registrar, with PoE supply, with min. 16 channels, with switch PoE 802.3af, 2 SATA interface, with place for 2 hard disks of 2Tb to store the images during 15 days with a quality of min. 2 Mp, power consumption max. 250W, including connection cables, ANNEX 4. Technical Responsiveness Table for Camera Surveillance Systems, RfQ21/02400: EU4MD/ Partial systematization of the rooms on the ground floor of the Cahul City Hall building for the implementation of One Stop Shop solutions,	piece	1.00
40	supplier price	Hard disk for video surveillance, 6 Tb	piece	2.00
41	supplier price	Video camera for interior installation network: 4 MP, 1/3" CMOS sensor, progressive scan, IR=30m, 2.8 mm, PoE (802.3af), including mounting accessories , ANNEX 4. Technical Responsiveness Table for Camera Surveillance Systems, RfQ21/02400: EU4MD/ Partial systematization of the rooms on the ground floor of the Cahul City Hall building for the implementation of One Stop Shop solutions	piece	4.00
		Total, Equipment, cap.3.1+cap.3.2	US\$	
		Supply and warehousing expenses, %	US\$	
		Total, Equipment, Cap.3.1 +Cap.3.2	US\$	
		<u>Total, Estimate document Cap.1+Cap.2+Cap.3</u>	<u>US\$</u>	
		<u>Incl salary</u>	<u>US\$</u>	

Bidder

(signature, name, forename)

Stamp

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-5

Security alarm (11/2021-1-SPA)

(denomination of the work)

Bid currency US\$

No.	Norm symbol and resource code	Denomination of works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Construction works		
1	RpCU06A1	Execution of the trenches up to 5 cm depth in walls of brickwork of 5 x 50 cm ² , for mechanized execution	m	20.00
2	RpCU07D	Covering the trenches in walls of up to 50 cm ² , after installations or consolidations	m	20.00
		Total	US\$	
		Incl salary	US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, Chapter 1. Construction works	US\$	
		Incl salary	US\$	
		Chapter 2. Mounting works		
3	10-08-001-02	Receiving devices: "TIC" devices for receiving and control, starting. Concentrator: security block for 20 flashes (PC1864)	piece	1.00
4	10-08-003-03	Ultrasound devices: supply unit 16.5V(AC), 40VA	piece	1.00
5	08-01-121-1	Accumulator mounted in panel, type: 7A*h, 12V	piece	2.00
6	10-08-003-04	Ultrasound devices: converter (ATS-100)	piece	1.00
7	10-08-001-03	Receiving devices: keyboard PK5500E1	10 pcs	0.10
8	10-08-003-05	Optical-(photo)electrical devices: optical-electrical devices in monobloc execution (LC 1 02 PI)	piece	6.00
9	10-08-002-04	Automatic "OC" signalers: magnetic contact on opening windows, doors NK-Y1313	piece	6.00
10	08-03-593-10	Wall lighting indicators (LD-95)	100 pcs	0.01
11	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 25 mm	100 m	0.40
12	supplier price	Corrugated pipe U-PVC, 750N, d=20 mm	m.l.	40.00
13	08-02-390-1	Plastic channels with cap, section 25x16 mm, including all the necessary accessories (bends, caps, T-pieces, crosses, etc.)	100 m	0.80
14	08-02-412-2	Introduction of conductors in pipes and laid metal hoses: first mono-wire or multiwire conductor in common intertwining, summary section up to 6 mm ²	100 m	2.10
15	supplier price	Signaling cable, without halogens, screened, no. of conductors per section: 6x0.5 mm ²	m.l.	150.00
16	supplier price	Cable БВГГр(А)-FRHF 3x1.0 mm ²	m.l.	30.00
17	supplier price	Cable with conductors of solid copper 2x4x24AWG, cat.6A,	m.l.	30.00

1	2	3	4	5
		double screened, with insulation of PVC without halogens (HF) of the FTP type		
		Total, Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, Chapter 2. Mounting works Incl salary	US\$ US\$	
		Chapter 3. Equipment		
18		Logical device for security systems with 8 security zones, expandable up to 32 zones, of the PC-1864 type	piece	1.00
19	supplier price	Supply unit 16.5V(AC), 40VA	piece	1.00
20	supplier price	Accumulator 12V, 12A*h	piece	2.00
21	supplier price	Radioemitter LARS, LARS1, 1500mA, of the ATS-100 type	piece	1.00
22		Keyboard PK-5500 E1, manufacturer: "DSC" Canada	piece	1.00
23	supplier price	Combined sensor: infrared + damage LC 102 PI	piece	6.00
24	supplier price	Magnetic contact alarms on opening windows, doors	piece	6.00
25	supplier price	Buzzer LD-95, 12V, 150mA, 90dB	piece	1.00
		Total, Chapter 3. Equipment	US\$	
		Supply and warehousing expenses, %	US\$	
		Total, Chapter 3. Equipment Incl salary	US\$ US\$	
		Total, Estimate document, Incl salary	US\$ US\$	

Bidder

(signature, name, forename)

Stamp

Partial systematization of the rooms on the ground floor of the Cahul Mayor's Office building for the implementation of one stop shop solutions. 6 Piata Independentei street, Cahul municipality

(denomination of the object)

Bill of Quantities No. 2-1-6

Fire alarm (11/2021-1-SI)

(denomination of the work)

Bid currency US\$

No.	Norm symbol and resource code	Denomination of the works	Measure unit	Amount
1	2	3	4	5
		Chapter 1. Construction works		
1	RpCU06A1	Execution of the trenches up to 5 cm depth in walls of brickwork of 5 x 50 cm ² , for mechanized execution	m	20.00
2	RpCU07D	Covering the trenches in walls of up to 50 cm ² , after installations or consolidations	m	20.00
		Total Incl salary	US\$ US\$	
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		<u>Total, Chapter 1. Construction works</u> Incl salary	US\$ US\$	
		Chapter 2. Mounting works		
3	10-04-112-01	Telecommunications and signaling: Fire board on the wall or in niche, quantity of pairs: up to 20	piece	1.00
4	10-08-003-03	Ultrasound devices: supply unit	piece	2.00
5	08-03-575-1 adopted	Mounting the accumulator in the case	piece	3.00
6	10-08-003-04	Ultrasound devices: converter (ATS-100)	piece	1.00
7	10-08-002-02	Automatic "SI" alarms: smoke with base in normal execution	piece	11.00
8	08-03-591-3 adopted	Manual starter of fire alarm	100 pcs	0.02
9	08-03-593-9	Mounting the alarm devices – buzzers	100 pcs	0.01
10	08-02-409-1	Vinyl-plastic pipe on installed constructions, on walls and columns, fixed with clips, diameter up to 25 mm	100 m	0.60
11	supplier price	Corrugated pipe U-PVC, 750N, d=20 mm	m.l.	60.00
12	08-02-390-1	Plastic channels with cap, section 25x16 mm, including all the necessary accessories (bends, caps, T-pieces, crosses, etc.)	100 m	0.80
13	08-02-412-2	Introduction of conductors in pipes and laid metal hoses: first mono-wire or multiwire conductor in common intertwining, summary section up to 6 mm ²	100 m	2.10
14	supplier price	Signaling cable with 2 copper conductors, conductor section of 0.80 mm ² , fire resistant (FR) with PVC insulations without halogens (HF), FE180, E30 PH120	m.l.	190.00
15	supplier price	Cable with conductors of solid copper 2x4x24AWG, cat.6A, double screened, with PVC insulation without halogens (HF) of the FTP type	m.l.	20.00
		<u>Total,</u> Incl salary	US\$ US\$	

1	2	3	4	5
		Social and medical insurance funds, 24%	US\$	
		Transport expenses, %	US\$	
		Supply and warehousing expenses, %	US\$	
		Total	US\$	
		Management expenses, %	US\$	
		Total	US\$	
		Estimated benefit, %	US\$	
		Total, Chapter 2. Mounting works	US\$	
		Incl salary	US\$	
		Chapter 3. Equipment		
16	supplier price	Fire board – conventional main unit for fire detection, in metal case, with central display unit LCD touchscreen, U=24V, 90mA, IP54, for 4 security zones, with outlet for: 1 alarm buzzer; 1 radio transmitter	piece	1.00
17	supplier price	Reserve supply unit I=1.4A, U=12V in frame of IP54 type	piece	1.00
18	supplier price	Radioemitter LARS, LARS1, 1500mA, of ATS-100	piece	1.00
19	supplier price	Reserve supply unit I=7A, U=24V in IP54frame	piece	1.00
20	supplier price	Accumulator 12V, 12A*h	piece	3.00
21		Conventional optical smoke detector, configurable sensitivity at: 0.09dB/m, 40mA, operating voltage 10-30 Vcc, operating temperature -5°C +40°C, with mounting socket and installation box	SET	11.00
22		Conventional manual fire signaling button – resettable with key, without glass window, operating voltage 10-30 Vcc, operating temperature -5°C +40°C, protection degree IP67	piece	2.00
23	supplier price	Optical and acoustic alarm of red color, operating voltage 10-60Vdc, Maximum power absorbed by the buzzer - 500mA, Acoustic level @1m - 94-106db(A) configurable, IP65, operating temperature - -25°C / +70°C	piece	1.00
		Total	US\$	
		Supply and warehousing expenses, %	US\$	
		Total, Chapter 3. Equipment	US\$	
		Incl salary	US\$	
		Total, Estimate document Cap1+Cap2+Cap3	US\$	
		Incl salary	US\$	

Bidder

(signature, name, forename)

Stamp