

Building the dry-type pedestrian fountain with light and music show and landscaping the adjacent territory on the National Street, Independency Square, Ungheni mun.

Form No. 1
WinCmeta

(name of the site)

List with quantities of works No. 2-1

Bid value: USD

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Chapter 1. Embankment works		
1	TsC58B	Mechanic excavation of land in the storage with a “reversed bin” excavator with the volume of the bin of 0.15 m ³ : land field category 2	100 m ³	5.2200
2	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground	m ³	33.4200
3	TsC59A	Mechanic excavation of soil with “single bin” excavator with the volume of the bin of 0.15 m ³ , unloading in the dumper: land field category 1 (gathering and loading the soil)	100 m ³	0.6700
4	TsI50A10	Transportation of the ground with the dumper of 5 t at a distance of 10 km	t	89.5600
5	TsI50C10	Transportation of the ground with the dumper of 5 t at a distance of 30 km (clay)	t	439.6000
6	TsD08A1	Mechanical compacting of the fitting with static self-propelled wheel compactor, 10.1-16 t, in successive layers of 15-25 cm thickness after compacting, excluding the watering of every layer separately, the earth fillings being executed from non-cohesive ground (clay)	100 m ³	3.1400
7	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 CP, in layers with thickness of 15-20 cm	100 m ³	0.6700
8	TsD05B	Compacting with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every	100 m ³	0.6700

1	2	3	4	5
		layer separately, the earth fillings being executed from cohesive soil		
		Chapter 2. Construction works - resistance structure		
9	TsC54B	Foundation layer from crushed stone, fraction of 5-10 mm	m ³	275.0000
10	CB03J applied	Formwork panels with revetment of 15 mm for pouring the concrete (revetment n=1.01 m2)	m ²	582.0000
11	CA03I1	Concrete poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit and poured with vertical pump up to 10 m inclusively, and on the horizontal - on areas over 15 m, reinforced concrete class C 7.5	m ³	73.0000
12	CC01A	Reinforced concrete steel shaped in OB 37 construction shops, with bars up to 8 mm diameter inclusively	kg	88.3100
13	CC01B	Reinforced concrete steel shaped in OB 37 construction shops, with bars over 8 mm diameter inclusively	kg	8 236.6900
14	CB11A	Supporters with extended inventory props used for installation of the prefabricated plates, of the floor plates, when casting the slabs which are partially or totally monolith with beams or monolith beams with prefabricated slabs type PE 3100 R	pcs	50.0000
15	CA03I1	Concrete poured in foundations, basements, support walls, under - zero level walls, manufactured with concrete making unit and poured with vertical pump up to 10 m inclusively, and on the horizontal - on areas over 15 m, reinforced concrete class C 22.5 W-6 adding waterproof additive Pendetron Admix	m ³	153.5000
16	RpCM05A adjusted	Polishing the concrete surfaces	m ²	657.0000
17	IzF04C	Waterproof layer made in hot conditions for the terraces, roofs or foundations and slabs, in fields without groundwater, including moldings and valleys from the current waterproofing protection on horizontal or inclined surfaces up to 40%, with covered bitumen cloth or with tissue of bitumen glass fibers, glued all over with bitumen mastic	m ²	42.0000

1	2	3	4	5
		Chapter 3. Tranches' making works		
18	TsC03B31	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds soaked with water, moving on planking, unloading on the field storage of cat. I in water management conditions	100 m ³	0.3500
19	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground	m ³	3.8700
20	TsI50A10	Transportation of the ground with the dumper of 5 t at a distance of 10 km	t	38.5000
21	TsC54A	Foundation layer of sand	m ³	101.0000
22	RCsB21C k=2	Mechanical drilling of holes with diameter of 10 cm, in concrete elements, with a thickness of 30 cm	pcs	580.0000
		Chapter 4. Waterproofing works		
23	CN53A applied	Coating the interior surface of the walls/flooring type "Primaer" G n=0.2 kg/m ²	m ²	682.0000
24	RpCE03A applied	Waterproof insulation on vertical or inclined surfaces over 20 degrees, flat or curved surfaces, in basements or for roofs of concrete (attics, lunettes, dead walls, etc.), executed in hot conditions with concrete mortar with two components, with rubber plastering in 2 layers (cement based adhesive with two components of type Elastocem A+B)	m ²	682.0000
		Chapter 5. Tiles' installation works		
25	CF17C	Miscellaneous - fleece layer of fiberglass applied to the surface of pre-manufactured elements from autoclaved aerated concrete, bonded with glue, including the primer layer	m ²	621.0000
26	CI21B	Plating the walls with structured ceramic-granite plates: size 600 x 600 x 20 mm, type R11, Norr	m ²	621.0000
27	market price	Tile support of type SE9, h-2-5-345 mm	pcs	1 968.0000
28	DE17B	Pavement made of precast concrete paving slabs laid on a layer of dry cement and sand mixture in the proportion 1: 3, embroidered with dry mixture of cement and sand, 10 cm thick layer	m ²	160.0000

1	2	3	4	5
		Total Incl. salary	USD	
		Social and health insurance, out of the salary 24%	USD	
		Transportation costs, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total costs, works Incl. salary	USD	

Bidder

(position, signature, name, surname)

STAMP PLACE

**Building the dry-type pedestrian
fountain with light and music
show and landscaping the
adjacent territory on the
National Street, Independency
Square, Ungheni mun.**

Form No. 1
WinCmeta

(name of the site)

List with quantities of works No. 2-2

Bid value: USD

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Chapter 1. Electricity works		
		Chapter 1.1. Mounting works		
1	10-06-037-07	Boxes, boards with doses for installations through pipes: wall-type box, size, mm, up to: 800x1800	pcs	3.0000
2	08-02-401-1	Cable, fixing with clamps, strips, with installation of ramification boxes, with 2-4 wires, the section of the wire up to 16 mm ²	100 m	18.5000
3	market price	Underwater cable 4x1.5	m	1,000.0000
4	market price	PVS Cable 3x1.5	m	100.0000
5	market price	UTP Cable 6x0.5	m	200.0000
6	market price	Underwater cable 2x2.5	m	300.0000
7	market price	PVS Cable 4x2.5	m	100.0000
8	market price	FTP Cable 6x0.5	m	100.0000
9	market price	VVG Cable 5x6	m	50.0000
10	RpEQ04A	Assembling the box with clamps	pcs	40.0000
11	market price	Electricity connection box 400x400x155 mm	pcs	40.0000
12	08-02-390-1	Plastic ditches	100 m	0.4000
13	08-03-594-10	Mounting the projector for the fountain LED RGB DMX control	100 pieces	0.4000
14	08-03-591-10	Single grounding inlet	100 pieces	0.0200

1	2	3	4	5
15		Single grounding inlet	pcs	2.0000
16	08-03-591-10	Double grounding inlet	100 pieces	0.0200
17		Double grounding inlet	pcs	2.0000
		Total Incl. salary	USD USD	
		Social and health insurance, %	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total Mounting works Incl. salary	USD USD	
		Chapter 1.2. Equipment		
18	market price	Control panel for pumps	pcs	1.0000
19	market price	Control panel for water level	pcs	1.0000
20	market price	Audio preamplifier	pcs	1.0000
21	market price	Audio amplifier Revamp 4240t	pcs	1.0000
22	market price	Rack cabinet	pcs	1.0000
23	market price	Outside audio speakers Apart COLW81	pcs	32.0000
24	market price	Projector for the fountain LED RGB DMX control	pcs	40.0000
25	market price	Pillar for the speaker	pcs	9.0000
26	market price	Fountain nozzle	pcs	40.0000
27	market price	Grille for the fountain	pcs	40.0000
		Total Equipment	USD	
		Procurement and storage costs, %	USD	
		Total Equipment	USD	
		Total chapter 1 Electricity works Incl. salary	USD USD	
		Chapter 2. Sanitary technical works		
		Chapter 2.1. Construction works		
28	AcD18A	Mounting of the PVC pipe of type M-3 for drainage, combined through gluing, outside the buildings, buried at a depth up to 2m, with the diameter 63 mm - rigid	m	550.0000
29	AcD18A	Mounting of the PVC pipe of type M-3 for	m	400.0000

1	2	3	4	5
		drainage, combined through gluing, outside the buildings, buried at a depth up to 2m, with the diameter 63 mm - semi rigid		
30	AcD18A	Mounting of the PVC pipe of type M-3 for drainage, combined through gluing, outside the buildings, buried at a depth up to 2m, with the diameter 50 mm - rigid	m	130.0000
31	AcD18A	Mounting of the PVC pipe of type M-3 for drainage, combined through gluing, outside the buildings, buried at a depth up to 2m, with the diameter 50 mm - semi rigid	m	100.0000
32	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, PVC shutter d 50	pcs	2.0000
33	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, PVC shutter d 32	pcs	1.0000
34	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, PVC shutter d 63	pcs	28.0000
35	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, Back-flow shutter d 50	pcs	1.0000
36	AcE08B	Assembling lids for technical premises HAGODECK BVA 88-80x80 (92x92)	pcs	1.0000
37	SD07E	The passing tap with valve and plug, with or without discharge, for the steel pipe, with the diameter of 1 1/2"	pcs	1.0000
38	SD07D	The passing tap with valve and plug, with or without discharge, for the steel pipe, with the diameter of 1 1/4"	pcs	1.0000
39	SA37F	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 2"	pcs	40.0000
40	SA37G	Bracelet for fixing the pipes for water and gas supply, from steel or PVC, flush mounted through ducts having the diameter of 2 1/2"	pcs	65.0000
41	market price	Plastic clamp 4.8x300	pcs	300.0000
42	market price	Stainless clamp with screw d52	pcs	118.0000

1	2	3	4	5
43	market price	Supporter for the motor-driven pump (PP)	pcs	13.0000
44	market price	Spacing dowels 16x100	pcs	157.0000
45	market price	Stainless bolt 6x35	pcs	223.0000
46	market price	Pin stud d10x1000	m	15.0000
47	market price	Stainless pin stud d10x1000	m	5.0000
48	market price	Stainless pin stud d8x1000	m	12.0000
49	market price	Flexible tube d32	m	10.0000
50	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 20, 25, 32, 40, 50, 63 mm. (Pipe PE100, PN10, SDR 17, D=40 mm)	m	15.0000
51	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (PVC pipe with sleeve and fitting , SN 4, SDR 41, D=110 mm)	m	6.0000
52	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (Adapter D 50x1" PT)	pcs	45.0000
53	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (Bend 40x90 PE)	pcs	2.0000
54	AcA54B	Assembling the fittings mechanically (screwing up). Mechanic combination between the pipe and the fitting (valves, T-bends, joints) from polyethylene, the pipes having the diameter of 50-110 mm. (Passage 40x32 PE)	pcs	1.0000
		Total	USD	
		Social and health insurance, out of the salary 24%	USD	
		Transportation costs, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total	USD	
		Incl. salary	USD	
		Chapter 2.2. Mounting works		

1	2	3	4	5
55	AcC07A	Assembling on the existing position the centrifugal pumps, with horizontal axis, having the aspiration diameter up to 80 mm (material in equipment)	pcs	12.0000
56	IA23A applied	Filtering system	pcs	1.0000
		Total	USD	
		Social and health insurance, 24 %	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total Mounting works Incl. salary	USD USD	
		Chapter 2.3. Equipment		
57	market price	Pump ND2-28T 2HP 400 V	pcs	12.0000
58	market price	Filtering installation with pump LX 25 m3/h	pcs	1.0000
59	market price	Quartz sand for filter	kg	225.0000
60	market price	Dispenser for disinfectant	pcs	1.0000
61	market price	Air dryer FDC 32	pcs	2.0000
62	market price	Pump Karcher SP7	pcs	2.0000
63	market price	Ladder 4.68 m	pcs	1.0000
64	market price	Glue for pipes type PVC U cement	kg	4.0000
		Total	USD	
		Procurement - storage costs, %	USD	
		Total Equipment	USD	
		Total chapter 2 technical - sanitary works Incl. salary	USD USD	
		Total, chapter 1 + chapter 2 Incl. salary	USD USD	

Bidder

(position, signature, name, surname)

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Building the dry-type pedestrian fountain with light and music show and landscaping the adjacent territory on the National Street, Independency Square, Ungheni mun.

Form No. 1
WinCmeta

(name of the site)

List with quantities of works No. 2-3

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Chapter 1. Aqueduct		
		Chapter 1.1. Embankment works		
1	TsC02B1	Mechanic digging with pneumatic excavator of 0,21-0,39 m ³ , with hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II.	100 m ³	0.4800
2	TsA02C	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m hard ground	m ³	12.1200
3	TsA20C	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in hard ground	m ³	28.9000
4	AcF03A	Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand	m ³	4.8000
5	TsD01C	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from hard ground	m ³	23.4000
6	TsD04B	Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground	m ³	23.4000
		Total Earthworks	USD	

1	2	3	4	5
		Incl. salary	USD	
		Chapter 1.2. Pipelines, fittings, valves		
7	AcA52A	Polyethylene pipe for water supply, mounted in ditch, with diameter 25x2.4 mm, PE, PN10	m	60.0000
8	RpAcH28D	Washing and disinfecting PVC and polyethylene pipes for water supply, after assembling and juncture of 40--50 mm	m	60.0000
9	market price	Warning tape	m	60.0000
10	AcB01A	Assembling the fitting with manual or mechanic triggering (valves, taps, faucets) on the water supply or sewerage pipes, with the diameter 50-100 mm - Shutter d15 mm	pcs	3.0000
11	AcA31A	Assembling through electrical welding of the flanges or linking pieces from steel, at the end of the pipes, with the diameter of 50-100 mm	pcs	2.0000
12	SD06A	Passing tap with sleeve and Holland-based connector, for the steel pipe, with the diameter - back-pressure valve 1/2	pcs	1.0000
13	SD06A	Passing tap with sleeve and Holland-based connector, for the steel pipe, with the diameter - Filter D15 mm	pcs	1.0000
14	SD07D	The passing tap with valve and plug, with or without discharge, for the steel pipe, with the diameter D15 mm	pcs	1.0000
15	market price	Manometer OBM 100	pcs	1.0000
		Total, pipelines, fittings, valves Including salary	USD USD	
		Total chapter 1, aqueduct Incl. salary	USD USD	
		Chapter 2. Sanitary-fecal sewerage		
		Chapter 2.1. Embankment works		
16	TsC02B1	Mechanic digging with pneumatic excavator of 0,21-0,39 m ³ , with hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II.	100 m ³	0.2000
17	TsA02C	Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to	m ³	5.6000

1	2	3	4	5
		0.75 m hard ground		
18	TsA20C	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in hard ground	m ³	16.5000
19	TsD01C	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from hard ground	m ³	21.2000
20	TsD04B	Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground	m ³	21.2000
		Total Earthworks Incl. salary	USD USD	
		Chapter 2.2. Pipes and fittings		
21	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m, sealed with rubber fittings, with the diameter 160 mm SN4	m	20.0000
22	AcA08A	Assembling in the ground, outside the building, the PVC pipes of 9m length, sealed with rubber fittings, with the diameter 125-160 mm (PVC pipe with sleeve and fitting , SN 4, SDR 41, D=110 mm)	m	5.0000
		Total Pipelines and fittings Incl. salary	USD USD	
		Chapter 2.3. Executing the manholes		
23	AcE13A	Executing the manholes from the reinforced concrete pre-manufactured elements, for sewerage, circular (ring-type) with diameter of 1,0 m, in the field without underground water	m ³	0.8900
24	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Precast plates for manholes KИД-10 (0.18 m3)	pcs	1.0000
25	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Precast ring for manholes KИД-10-9 (0.28 m3)	pcs	2.0000

1	2	3	4	5
26	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Precast ring for manholes KИИ1-10-1 (0.10 m3)	pcs	1.0000
27	AcE10A1	Reinforced concrete pre-manufactured elements of the manholes, circular (ring-type) with diameter of 1,0 m, for water supply, in the field without underground water. Precast ring for manholes KИ-7-3 (0.05 m3)	pcs	1.0000
28	market price	Consumption of metal for enhancing the built manholes	kg	56.4000
29	market price	Non-corrodible, cast iron lid, type II A and B D-400	pcs	1.0000
		Total Executing manholes Including salary	USD USD	
		Total, chapter 2, sanitary-fecal sewerage Incl. salary	USD USD	
		Total, chapter 1 + chapter 2 Including salary	USD USD	
		Social and health insurance, 24%	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total Incl. salary	USD USD	

Bidder

(position, signature, name, surname)

STAMP PLACE

Building the dry-type pedestrian fountain with light and music show and landscaping the adjacent territory on the National Street, Independency Square, Ungheni mun.

Form No. 1
WinCmeta

(name of the site)

List with quantities of works No. 2-4

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Chapter 1. Construction works		
		Chapter 1.1. Demolishing and recovering the pavement works		
1	DC04B	Cutting with the machines having diamond disks of the contraction and expansion joints in old concrete roads	m	12.0000
2	DI109	Mechanized scrapping of the asphalt concrete coating (6 m*0.45 m 80.1 m =0.27 m ³)	m ³	0.2700
3	DI118	Mechanized scrapping of the coating of broken stone	m ³	0.4050
4	TsC03G1	Mechanic digging with excavator of 0.40-0.70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in trucks, ground cat. III (loading the asphalt coating + gravel)	100 m ³	0.6750
5	TsI50B10	Transportation of (asphalt + gravel) with the dumper of 5 t at a distance of 20 km	t	1.1100
6	TsC51C	Works for unloading the soil in the storage, ground category III (scrapped asphalt coating and gravel)	100 m ³	0.6750
7	DG04B	Dismantling stone or concrete borders of any size, placed on concrete	m	1.5000
8	RpDB36A	Dismantling the pavements from concrete or basalt flagging and stone or concrete borders of different size, laid on concrete (stone or concrete slabs)	m ²	0.9000
9	DA11A	Foundation or re-profiling layer from crushed stone, for roads with manual covering, executed	m ³	0.1350

1	2	3	4	5
		with wedging or renewal (the base of the road and site made of crushed stone, 10 cm thick, manually laid: $2*0,45*0,15=0,135$ m ³)		
10	DE11A	Small edging, precast from concrete with section of 10x15 cm, for framing green spaces, sidewalks, alleys, etc., placed on a concrete foundation, de 10x20 cm	m	1.5000
11	DE11A	Small edging, precast from concrete with section of 10x15 cm, for framing green spaces, sidewalks, alleys, etc., placed on a concrete foundation, de 10x20 cm	m	1.5000
12	DE17A	Pavement made of precast concrete paving slabs laid on a layer of dry cement and sand mixture in the proportion 1: 3 , embroidered with dry mixture of cement and sand , 5 cm thick layer	m ²	0.9000
		Total Chapter 1.1. Demolishing and recovering the pavement works Incl. salary	USD USD	
		Chapter 1.2. Executing the tranches		
13	TsC03B1	Mechanic digging with excavator of 0,40-0,70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II.	100 m ³	0.0945
14	TsA20B	Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground (Manual finishing 13,5 m ³ * 30%=4.05 m ³)	m ³	4.0500
15	TsC03F1	Mechanic digging with excavator of 0.40-0.70 m ³ , with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in trucks, ground cat. II (loading the surplus of soil in tranches 3 m ³)	100 m ³	0.0300
16	TsI50B10	Transportation of the ground with the dumper of 5 t at a distance of 20 km	t	4.8000
17	TsC51B	Works for unloading the soil in the storage, ground category II	100 m ³	0.0300
18	TsD02A1	Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm (Mechanical backfill with bulldozer 10.5m ³ *70%=7,35)	100 m ³	0.0735

1	2	3	4	5
19	TsD05A	Compacting with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from non-cohesive ground	100 m ³	0.0735
20	TsD01B	Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground (Manual backfill with soil 10,5m ³ *30% = 3,15m ³)	m ³	3.1500
21	TsD04C	Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 20 cm of non-cohesive ground	m ³	3.1500
22	TrB01B1-3	Transportation of materials from group 1-2 (loading, throwing, unloading, throwing) with wheel barrows, at a distance of 30 m (transportation of sand by wheelbarrows of for backfilling the cable in trenches 50 m * 0.3 m * 0.2 m = 3 m ³ * 1.6 t/m ³ = 4,8 t)	t	4.8000
23	market price	Washed sand (the thickness of sand layer 20 cm, 50 m x 0,3 m x 0,2m=3 m ³)	m ³	3.0000
24	market price	Full bricks 205x100x50mm	pcs	500.0000
		Total, cap. 1.2 Executing the tranches Including salary	USD USD	
		Chapter 1.3. Executing the passages		
25	RCsB30F k=3.6	Drilling holes in concrete constructions of the brand up to 500, using the machine with cutter with diamond drill core, diameter: 70 mm (drilling holes for cables)	pcs	2.0000
26	34-02-003-1	Executing the pipe line from polyethylene pipes: up to 2 holes	1 km	0.0220
27	market price	PE pipe d. 63x3.0mm	m	22.0000
		Total, chapter 1.3 Executing the passages Including salary	USD USD	
		Chapter 1.4. Executing the foundation for metallic construction		
28	TsA04D1	Manual excavation of land, in confined space, having the width under 1m and maximum depth of 4.5 m, executed with supporters, with manual evacuation, in foundations, sewers, roads in soils	m ³	0.2250

1	2	3	4	5
		with natural humidity, depth of digging 0-1.5 m very hard ground		
29	CB02A	Reusable formwork panels with short and very short wood boarding planks to pour the concrete in bearings, foundations and foundations glass and foundation equipment including support	m ²	1.4000
30	CA03D2	Cast concrete slabs, beams, columns, support walls, prepared with the concrete plant on the site and pouring with classical means of reinforced concrete Class C 15/12 (Bc 15/B 200)	m ³	0.2250
		Total, chapter 1.4 Executing the foundation for metallic construction Including salary	USD USD	
		Chapter 1.5. Metallic construction for Pev-1		
31	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete (Metallic constructions for cases (Profiled pipe 40x40x1.8 - 2.115 kg/m *10m=21.15 kg)	kg	21.1500
32	market price	Profiled pipe 40*40*1.8	m	10.0000
33	CN20B	Interior or exterior painting applied to metal plumbing using alkyd enamel in 2 layers, including the primer - Profiled pipe 40x40x1.8 - 10m*0.04m*4=1.6m2)	m ²	1.6000
		Total, chapter 1.5 Metallic construction for PEv- 1 Including salary	USD USD	
		Total chapter 1 Incl. salary	USD USD	
		Social and health insurance, 24%	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total Construction works Incl. salary	USD USD	
		Chapter 2. Electrical mounting works		
		Chapter 2.1. Distribution boards		
		Chapter 2.1.1. Completing ID-0,4 kV, PT- 30UN30, fid. 11		
34	08-03-522-8	Switcher with lever on a plate with central or	pcs	1.0000

1	2	3	4	5
		lateral trigger or trigger with a bar, mounted on metallic support, bi-pole, power up to 250 A (Rail switch E3 NH-La-Lei 1 1P PI L6 250A. lei - 1 piece		
35	08-03-523-2	Safety device, installed on insulating support, electricity up to 250 A	pcs	3.0000
36	market price	Insert element ПППН-37 Габ.2 160А	pcs	3.0000
37	08-02-163-2	Terminal head with thermal-contactable gloves from polyethylene for the cable with 3-4 conductors with insulation from paper, pressure up to 1kV , section of a conductor up to 120 mm2	pcs	1.0000
38	market price	Terminal sleeve 4КБНТп 70-120 mm2	pcs	1.0000
39	market price	TUBE TYT - 30/15 KBT	pcs	1.0000
40	RpEM19A	Phasing the cable	pcs	1.0000
41	08-03-574-4	Installations on devices and connecting the cable threads or conductors of exterior network to the blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 70 mm2 (connecting the cable АПВБ6ШП-1 4x70 (1 piece) to circuit breaker terminals)	100 threads	0.0400
42	market price	Cable lug DL 70 mm2	pcs	4.0000
43	RpEQ06A	Assembling the clips CDD-45	pcs	1.0000
44	market price	Metal bracket CMM-63	pcs	1.0000
45	RpEM24A	Marking the cable	pcs	1.0000
46	market price	Label Y-134 55 x 55 mm white	pcs	1.0000
47	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	pcs	1.0000
48	RpEM30A	Cleaning the chamber for pulling the cable	pcs	1.0000
		Total, chapter 2.1.1 Completing ID-0,4 kV, PT-30UN30, fid. 11 Including salary	USD USD	
		Chapter 2.1.2. Record keeping board (PEv-1)		
49	08-03-572-3	Command switchboard of closet-type or as distribution point type (case), mounted on the wall, with specific height and width, mm, up to	pcs	1.0000

1	2	3	4	5
		600x600 (Box for meters DDE-3 TIP 3, 100A direct - 1 piece)		
50	market price	Screw 8x70 with screw thread DIN 933	pcs	4.0000
51	market price	Nut screw M8	pcs	8.0000
52	market price	Broad collar M8	pcs	16.0000
53	08-03-525-2	Package breaker or switcher in metal casing, mounted on the wall or column construction, quantity of the terminals for connection up to 9, power up to 100A	pcs	1.0000
54	08-03-600-2	Meters mounted on prepared support, with three phases (Three-phase electronic meter LUN4, 380V, 5-120A, LUNA - 1 piece)	pcs	1.0000
55	08-03-526-2	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 100	pcs	1.0000
56	08-02-163-2	Terminal head with thermal-contactable gloves from polyethylene for the cable with 3-4 conductors with insulation from paper, pressure up to 1kV , section of a conductor up to 120 mm ²	pcs	1.0000
57	market price	Terminal sleeve 4KBHTп 70-120 mm ²	pcs	1.0000
58	market price	TUBE TYT - 30/15 KBT	pcs	0.5000
59	08-02-163-1	Terminal head with thermal-contactable gloves from polyethylene for the cable with 3-4 conductors with insulation from paper, pressure up to 1kV , section of a conductor up to 35 mm ²	pcs	1.0000
60	market price	Terminal sleeve 4KBHTп 25-50 mm ²	pcs	1.0000
61	market price	TUBE TYT - 30/15 KBT	pcs	0.5000
62	RpEM19A	Phasing the cable	pcs	1.0000
63	08-03-574-4	Installations on devices and connecting the cable threads or conductors of exterior network to the blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 70 mm ² (connecting the cable АПВБ6IIIп-1 4x70 (1 piece) to circuit breaker terminals)	100 threads	0.0400
64	market price	Cable lug DL 70 mm ²	pcs	4.0000
65	08-03-574-3	Installations on devices and connecting the cable threads or conductors of exterior network to the	100 threads	0.0500

1	2	3	4	5
		blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 35 mm ² (connecting the cable АПВБ6IIIП-1 5x35 (1 piece) to circuit breaker terminals)		
66	market price	Aluminum cable lug DL 35 mm ²	pcs	2.0000
67	RpEM24A	Marking the cable	pcs	2.0000
68	market price	Label Y-134 55 x 55 mm white	pcs	2.0000
69	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	pcs	2.0000
		Total, chapter 2.1.2 Record keeping board (PEv-1) Including salary	USD USD	
		Chapter 2.1.3. Power board (PF-1)		
70	08-03-572-4	Command switchboard of closet-type or as distribution point type, mounted on the wall, with specific height and width, mm, up to 1200x1000 (Metallic box 800*600*250 IP54)	pcs	1.0000
71	market price	Dowel PROP with Screw HEX KXX 12/8*120	pcs	4.0000
72	08-03-525-2	Package breaker or switcher in metal casing, mounted on the wall or column construction, quantity of the terminals for connection up to 9, power up to 100A	pcs	1.0000
73	market price	Power disconnecting switch IEK BH-32, 3P, In=100 A	pcs	1.0000
74	08-03-526-2	Mono-, bi-, three-pole automate, mounted on the wall or column construction, power up to 100	pcs	1.0000
75	market price	Automated switch IEK VA47-29, 3P, C 63 A	pcs	1.0000
76	08-03-526-1	Mono-, bi-, three-poles automate, mounted on the wall or column construction, electricity up to 25 A	pcs	6.0000
77	market price	Automated differential switcher IEK AVDT32, 2P, C 16A, 30 mA	pcs	2.0000
78	market price	Automated switcher IEK BA47-29, 3P, C 16A	pcs	1.0000
79	market price	Automated switcher IEK BA47-29, 1P, B 6A	pcs	2.0000
80	market price	Surge suppressor SPD1 B 400V 3P In=30kA Im=60kA	pcs	1.0000

1	2	3	4	5
81	08-01-054-1	Power transformer, pressure up to 10 kV, mono-phase	pcs	1.0000
82.	08-03-603-1	Box with descending transformers	pcs	1.0000
83	08-03-591-10	Semi-sealed and sealed plug outlet	100 pieces	0.0100
84	market price	Fixed embedded socket EURO 16A IP54 50X60 SCAME	pcs	1.0000
85	08-03-591-11	Three-polar plug outlet	100 pieces	0.0100
86	market price	Fixed embedded socket 16A 5P IP54 SCAME	pcs	1.0000
87	08-02-390-2	Plastic ditches with width up to 63 mm. The levels with the value 0 (zero) shall be determined according to the project.	100 m	0.0400
88	market price	Duct for perforated cable 40*60	m	2.0000
89	market price	Duct for perforated cable 40*40	m	2.0000
90	market price	Screw bolt aut. with head past 2.00mm 4.2*19mm (200)	pcs	0.5000
91	08-01-068-1	Precast bars - one band in phase: copper or aluminum bar, section up to 250 mm ²	100 m	0.0100
92	market price	Perforated bar 35mm, L - 1M	pcs	1.0000
93	08-02-405-1	Conductor on steel constructions and assembled panels, sections up to 16 mm ²	100 m	0.1350
94	market price	Electrical wire ПБ3 16 brown	m	6.0000
95	market price	Electrical wire ПБ3 16 (g/v)	m	1.5000
96	market price	Electrical wire PV3 2.5	m	6.0000
97	08-01-082-1	Range of clamps: clamps without protection carcass	100 pieces	0.1000
98	market price	Distribution block from rale IEK РБД-80А	pcs	5.0000
99	market price	Board with contacts JXB-35 35 mm ² grey	pcs	3.0000
100	market price	Board with contacts JXB-35 35 mm ² blue	pcs	1.0000
101	market price	Board with contacts JXB-35 35 mm ² blue	pcs	1.0000
102	08-02-155-1	Sealing the passes to the cable connections in explosive premises with compaction mass	passage	3.0000

1	2	3	4	5
103	market price	Pressure seal PG48 diameter 36-44mm IP 54	pcs	3.0000
104	08-02-163-1	Terminal head with thermal-contactable gloves from polyethylene for the cable with 3-4 conductors with insulation from paper, pressure up to 1kV , section of a conductor up to 35 mm2	pcs	1.0000
105	market price	Terminal sleeve 4KBHTп 25-50 mm2	pcs	1.0000
106	market price	TUBE TYT - 30/15 KBT	m	0.5000
107	RpEM19A	Phasing the cable	pcs	1.0000
108	08-03-574-3	Installations on devices and connecting the cable threads or conductors of exterior network to the blocks of the clamps and to the clamps of devices and mechanisms: cables or conductors, section up to 35 mm2 (connecting the cable АПВБ6ШП-1 5x35 (1 piece) ВВГ-нг LS 5x25 (1 piece) to circuit breaker terminals)	100 threads	0.1000
109	RpEM24A	Marking the cable	pcs	1.0000
110	market price	Label Y-134 55 x 55 mm white	pcs	1.0000
111	RpEP18A	Applying the inscriptions PM and TS on the doors of the supply point	pcs	1.0000
112	market price	Self-adhesive DANGER OF ELECTROCUTION 96 x 110 mm yellow/black 170021	pcs	1.0000
		Total, chapter 2.1.3 Power board (PF-1) Including salary	USD USD	
		Total Distribution boards Including salary	USD USD	
		Chapter 2.2. Production of cables		
113	08-02-148-3	Cable up to 35 kV in pipes, blocks, and laid cases, mass 1 m up to: 3 kg	100 m	0.1000
114	market price	Cable АПВБ6ШВ-1 4x70	m	10.0000
115	08-02-148-2	Cable up to 35 kV in pipes, blocks, and laid-down cases, mass 1 m up to: 2 kg	100 m	0.1200
116	market price	Cable АПВБ6ШВ-1 5x35	m	12.0000
117	08-02-141-3	Cable up to 35 kV in ditches executed without covering, mass 1 m up to: 3 kg	100 m	0.4000
118	market price	Cable АПВБ6ШВ-1 4x70	m	40.0000
119	08-02-142-1	Executing the bedding for one single cable in the	100 m	0.5000

1	2	3	4	5
		ditch		
120	08-02-143-1	Covering the cable, placed in the ditch: with bricks, one single cable	100 m	0.5000
121	08-02-155-1	Sealing the passes to the cable connections in explosive premises with compaction mass	passage	2.0000
122	market price	Non-flammable foam tube	pcs	1.0000
		Total, chapter 2.2 Production of cables Including salary	USD USD	
		Chapter 2.3. Viniplast pipes		
123	08-02-409-3	Viniplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 63 mm	100 m	0.0300
124	market price	Corrugated pipe PE DE 63 red (450N) 50m	m	3.0000
125	market price	Metal bracket CMM-63	pcs	2.0000
		Total, chapter 2.3 Viniplast pipes Including salary	USD USD	
		Chapter 2.4. Metallic gutters		
126	08-02-396-5	Metallic channel on walls and ceilings, length 2 m	100 m	0.0300
127.	market price	Non-perforate metallic gutter 100*100 Ardic	m	3.0000
128	market price	Lid for metallic gutter Ardic A 10-K- 05	m	3.0000
129	market price	Aluminum rivets 6.4x4.0 50pieces Vorel	pcs	1.0000
		Total, chapter 2.4 Metallic gutters Including salary	USD USD	
		Chapter 2.5. Repeated grounding outlet		
130	08-02-471-4	Ground plate, vertical, from round steel, diameter 16 mm	10 pieces	0.3000
131	market price	Round steel d=20	m	9.0000
132.	08-02-472-2	Grounding conductor: ground plate, horizontal, from strip steel, section 160 mm ²	100 m	0.1800
133.	market price	Zink-coated tape for grounding 25x4	m	18.0000
		Total, chapter 2.5 Repeated grounding outlet Including salary	USD USD	
		Chapter 2.6. Regulating - triggering works		
134.	1-11-010-2	Measuring the resistance to circuit leaking flows,	1	2.0000

1	2	3	4	5
		diagonal up to 20 m	measurement	
135	1-11-011-1	Verification of circuit presence between the grounding outlet and the grounding elements	100 points	0.1400
136.	1-11-013-1	Measuring the circuit impedance "phase-null"	1 receiver of power	4.0000
137	1-11-010-1	Measuring the resistance to circuit leaking flows in the grounding outlet	1 measurement	1.0000
138.	1-03-002-5	Three-pole switcher with electromagnetic, thermal or combined trigger, nominal power up to 200 A	pcs	2.0000
139	1-11-028-1	Measuring the insulation resistance with megohm-meter of cable lines and other lines, voltage up to 1 kV, intended for transmission of electricity to distribution devices, panels, cabinets, switchers and electrical consumers	1 line	7.0000
		Total, chapter 2.6 Regulating - triggering works Including salary	USD USD	
		Total, chapter 2 Incl. salary	USD USD	
		Social and health insurance, 24%	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total Electrical mounting works Including salary	USD USD	
		Chapter 3. Equipment		
		Chapter 3.1. Distribution boards		
		Chapter 3.1.1. Completing ID-0,4 kV, PT-30UN30, fid. 11		
140.	market price	Cutout switch E3 NH-La-Lei 1 1P PI L6 250A Lei	pcs	1.0000
141	market price	Dividing transformer 230-400/230v 250VA ABL6TS25U	pcs	1.0000
142	market price	Step-down transformer box ЯТП-0,25 230/36 IP54 IEK	pcs	1.0000
		Chapter 3.1.2. Record keeping board (PEv-1)		
143	market price	Box for meters DDE-3 TIP 3, 100A direct	pcs	1.0000
144	market price	Lever switcher IEK VR32-100 100 A	pcs	1.0000
145	market price	Three-phase electronic meter LUN4, 380V, 5-	pcs	1.0000

1	2	3	4	5
		120A, LUNA		
146	market price	Automated switcher IEK VA47-100, 3P, C 80 A	pcs	1.0000
		Chapter 3.1.3. Power board (PF-1)		
147	market price	Metallic box 800*600*250 IP54	pcs	1.0000
		Total Equipment Including salary	USD USD	
		Procurement - storage costs, %	USD	
		Total, chapter 3 Equipment Including salary	USD USD	
		Total, chapter 1 + chapter 2 + chapter 3 Incl. salary	USD USD	

Bidder

(position, signature, name, surname)

STAMP PLACE

**Building the dry-type pedestrian
fountain with light and music
show and landscaping the
adjacent territory on the
National Street, Independency
Square, Ungheni mun.**

Form No. 1
WinCmeta

(name of the site)

List with quantities of works No. 7-1

Bid value: USD

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Chapter 1. Construction works		
1	RpCS19E	Dismantling the asphalt	m ²	4 700.0000
2	TrI1AA01C2	Loading materials from group A – heavy and small ones, by throwing from the field, in auto of category 2	t	223.4000
3	TsI50B5	Transportation of the ground with the dumper of 5 t at a distance of 15 km	t	223.4000
4	TsC54B	Foundation layer from crushed stone, fraction of 5-10 mm	m ³	408.2000
5	DE17B	Pavement made of precast concrete paving slabs laid on a layer of dry cement and sand mixture in the proportion 1: 3 , embroidered with dry mixture of cement and sand, 10 cm thick layer gray vibro-pressed pavement 20cm * 10cm, 10cm * 10cm - 3430 sqm,	m ²	3 430.00
5A	DE17B	Pavement made of precast concrete paving slabs laid on a layer of dry cement and sand mixture in the proportion 1: 3 , embroidered with dry mixture of cement and sand, 10 cm thick layer, white vibro-pressed pavement with granite surface 20cm * 10cm, 10cm * 10cm - 652 sqm	m ²	652,00
6	DE10A	Pre-manufactured concrete borders, for pavements 150x300x1000 mm, vibro-pressed, on concrete foundation 30x15 cm	m	217.0000
7	TsH24C	Planting saplings of broad-leaved trees, without bundle	pcs	14.0000
		Total	USD	
		Incl. salary	USD	
		Social and health insurance, 24%	USD	
		Transportation of materials, %	USD	

1	2	3	4	5
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit	USD	
		Total, chapter 1 Construction works Incl. salary	USD USD	
		Chapter 2. Mounting works		
8	08-02-369-2	Street light fitting with lamp LED/3300Lm/30W/220V/IP66	pcs	18.0000
9	08-02-369-2	Metal pillar CC 6M 60/144/3, diameter at the basis 144, thickness 3 mm, height 6 m	pcs	18.0000
		Total Incl. salary	USD USD	
		Social and health insurance, 24%	USD	
		Transportation of materials, %	USD	
		Total	USD	
		Overhead costs, %	USD	
		Total	USD	
		Benefit, %	USD	
		Total, chapter 2 Assembling works Including salary	USD USD	
		Chapter 3. Equipment		
10	market price	Street light fitting with lamp LED/3300Lm/30W/220V/IP66	pcs	18.0000
11	market price	Metal console with simple right wing WPD 1/1,0/10 fi60	pcs	18.0000
12	market price	Metal pillar CC 6M 60/144/3, diameter at the basis 144, thickness 3 mm, height 6 m	pcs	18.0000
13	market price	Concrete bench 4350x800 h-400	pcs	10.0000
14	market price	Concrete bench with thermal treated wood 4350x800 h-400	pcs	17.0000
		Total Incl. salary	USD USD	
		Procurement - storage costs	USD	
		Total chapter 3 Equipment Incl. salary	USD USD	
		Total estimates, chapter 1 + chapter 2 + chapter 3 Including salary	USD USD	

Bidder

(position, signature, name, surname)

STAMP PLACE