

Parking lot in Slobozia Mare village, Cahul rayon

(name of the site)

List with quantities of works Car parking lot and landscaping of the territory

Bid value US\$

№ crt.	Symbol of the norm and resource code	Works and expenditures	U.M.	Quantity according to design data	Estimate value, US\$	
					Per u.m. incl. salary	Total incl. salary
1	2	3	4	5	6	7
		1. Works. 1.1. Landscaping and paving works				
1	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 the soil in storage, ground cat. II. (Loading the ground in trucks)	100 m ³	0,200		
2	TsE05B	Leveling with a motor grader of up to 175 HP the surface of the natural ground and the embankment platforms, by cutting the ditches and moving into holes the soil dug in ground of cat. II	100m ²	13,000		
3	TsI51A10	Transportation of ground with the dumper of 10 t at a distance of 10 km	t	32,000		
4	TsC53B	Compacting the ground with crashed stone	100m ²	13,000		
5	DE17B	Pavement made of precast paving slabs laid on a layer of dry cement and sand mixture, in a 1:3 proportion, joint with a layer of dry mixture of cement and sand, 10 cm thick (vibro-pressed paving of brick type, 60mm)	m ²	1 300,000		
6	DE10A	Pre-manufactured concrete border, for sidewalks 20x25 cm, on concrete foundation 30x15 cm	m	146,500		

1	2	3	4	5	6	7
		(edging stone B2 1000*150*300) Concrete class B7.5				
		<u>Total Landscaping and paving works.</u> Including salary			US\$ US\$	
		1.2. Preparing works for installing easily-assembled constructions of the Sanitary Block and the Guard Block				
7	RpCA01A	Manual excavation of land, in confined space, having the width under 1,00 m and maximum depth of 1,5 m, with vertical slope, for foundation polygon pits, ditches, canals, etc., made in quantities of up to 20 m3 with unsupported banks	m3	7,600		
8	CB01B	Formwork made of resinous planks to pour the concrete in the construction of aqueducts, canals and annexes, including the supports	m2	22,000		
9	CA03C	Concrete poured in foundations, plinths, support walls, walls below zero level, prepared with concrete plant and pouring with classical means of reinforced concrete class C 10/8 (Bc 10/B 150)	m3	7,800		
10	CL18A	Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete	kg	58,400		
		<u>Total</u> Preparing works for installing easily-assembled constructions of the Sanitary Block and the Guard Block Including salary			US\$ US\$	
		1.3. Electrical grids				
11	RpCA01A	Manual excavation of land in confined space, having the width under 1,00 m and maximum depth of 1,5 m with vertical slope, for foundation polygon pits, ditches, canals, etc., made in quantities of up to 20 m3 with unsupported banks	m3	3,200		
12	33-04-003-1	Installing the reinforced concrete pillars LEA 0,38, 6-10 kV with seamless joints, on one leg	piece	4,000		

1	2	3	4	5	6	7
13	33-04-017-1	Suspending the self-supporting insulated electrical conductors CIA-2A with a voltage from 0.4 kV to 1 kV (with de-energization): with the use of the auto-hydro-elevator (norm 08-02-367-8 excluded from Indicator no.8). The norms and the brand of resources with the value 0 (zero) are determined according to the design	1000 m	0,200		
14	market price	Conducting wire SIP-2-1 2x25mm ²	m	200,000		
15	market price	Corbel CA1500	piece	4,000		
16	market price	Support fittings CS1500	piece	4,000		
17	market price	Intermediary support fittings PS1500	piece	4,000		
18	market price	Anchor pivot 2x16-50	piece	4,000		
19	market price	Scrape A200	piece	8,000		
20	market price	Clamp 3OH 16-70/2.5-35	piece	4,000		
21	RpEJ06C	Tests, electrical checks and adjustments to light fittings	piece	4,000		
22	08-02-369-2	Light fittings installed outside the buildings, with LED bulbs	piece	4,000		
23	market price	Light fitting SMD LED 100W	piece	4,000		
		<u>Total Electrical grids.</u> Including salary				
		Total (cap.1.1 + cap. 1.2 + cap. 1.3)	US\$			
		Social and health insurance (ПЗ) * 24%	US\$			
		Transportation of materials %	US\$			
		Total	US\$			
		Overhead costs %	US\$			
		Total	US\$			
		Estimate benefit %	US\$			
		<u>Total Works.</u> Including salary			US\$ US\$	

1	2	3	4	5	6	7
		2. Easy to assemble constructions				
24	market price	Easy to assemble block for WC (sanitary blocks) 3.2x1.8x2.5 - 1 piece (metal framing with casing of Sandwich panels with metal-plastic doors and windows)	piece	1,000		
25	market price	Easy to assemble block for Guard 2.2x1.8x2.5 - 1 piece (metal framing with casing of Sandwich panels with metal-plastic doors and windows)	piece	1,000		
		<u>Total Easy to assemble constructions</u> Including salary			US\$ US\$	

		Total estimate	US\$			
		<u>Total estimate:</u> Including salary			US\$ US\$	

Bidder

(position, signature, name, surname)

**Capital repair of Nuferilor street
in Slobozia Mare village, Cahul
Rayon**

(name of the site)

Bill of Quantities

Currency of the offer US

Dollar

No ref.	Norms symbol and resource code	Works and expenses	UOM	Quantity according to design data	Estimated value, US\$	
					Per UOM incl. wages	Total incl. wages
1	2	3	4	5	6	7
		1. Earthworks				
1	TsC21A1	Mechanical digging using auto-patrol grader up to 175 HP, including soil scattering at 10 m, on designated site category. I (digging topsoil)	100 m3	1.83	_____	_____
2	TsC03E1	Mechanical digging with 0.40-0.70 mc excavator, with internal combustion engine and hydraulic control, on soil with natural humidity, and loading in terrain vehicles. I (topsoil loading)	100 m3	1.83	_____	_____
3	TsI50A1	Transportation by dump truck at a distance of 1.0 km	t	256.20	_____	_____
4	TsC51B	Soil unloading works	100 m3	1.83	_____	_____
5	TsC21B1	Mechanical digging using auto-patrol grader up to 175 HP, including soil scattering at 10 m, on designated site category. II (hardpan digging)	100 m3	6.26	_____	_____
6	TsC03F1	Mechanical digging with 0.40-0.70 mc excavator, with internal combustion engine and hydraulic control, on soil with natural humidity, and loading in terrain vehicles. II (Soil loading)	100 m3	6.26	_____	_____
7	TsI50A1	Transportation by dump truck at a distance of 1.0 km	t	1 158,10	_____	_____
8	TsC03F1	Mechanical digging with 0.40-0.70 mc excavator, with internal combustion engine and hydraulic control, on soil	100 m3	41.36	_____	_____

1	2	3	4	5	6	7
		with natural humidity, and loading in terrain vehicles. II (loading soil from the quarry)				
9	TsI50A2	Transportation by dump truck at a distance of 2 km	t	7 651,60	_____	_____
10	TsC21B1	Mechanical digging using auto-patrol grader up to 175 HP, including soil scattering at 10 m, on designated site category. II (digging the cauldron)	100 m3	5.23	_____	_____
11	TsC03F1	Mechanical digging with 0.40-0.70 mc excavator, with internal combustion engine and hydraulic control, on soil with natural humidity, and loading in terrain vehicles. II (Soil loading)	100 m3	5.23	_____	_____
12	TsI50A1	Transportation by dump truck at a distance of 1.0 km	t	967.55	_____	_____
13	DI96	Compaction of backfill in the ground by cat.II, with 25 t tire compactor, 8 tracks (backfill)	100 m3	52.85	_____	_____
14	DI99	Mechanized profiling of the backfill on embankments, soil category. II	100m2	33.40	_____	_____
15	TsE05C	Leveling using 175 hp grader of the surfaces of the natural land and of the earthworks platforms, by cutting the hills and moving the earth dug into voids in soil category III	100m2	6.10	_____	_____
16	TsH09C	Sowing the lawn on the slopes using 1 kg of seeds per 100 square meter	100m2	39.50	_____	_____
17	TsH12B	Watering the surfaces from the water tanks using hose	100m2	39.50	_____	_____
<u>Total Earthworks</u>						
Including wages						
2. Road system						
18	TsE05C	Leveling using 175 hp grader of the surfaces of the natural land and of the earthworks platforms, by cutting the hills and moving the earth dug into voids in soil of category III	100m2	41.54	_____	_____

1	2	3	4	5	6	7
19	DA06B2	Layer of natural cylinder-shaped aggregates, having the function of filtering resistance, insulation, ventilation, antifreeze and anti-capillary, with mechanical bedding, using sand (sand layer h=10cm)	m3	415.00	_____	_____
20	DA12B	Foundation layer or re-profiling using broken stone M400, for roads, with mechanical bedding, made by filling up without compacting (h=0.14 m)	m3	582.00	_____	_____
21	DA12B	Foundation layer or re-profiling using broken stone M400, for roads, with mechanical bedding, made by filling up without compacting (h=0.16 m)	m3	250.00	_____	_____
22	DA18B	Foundation layer made of aggregates in optimal mixtures, executed with mechanical bedding (Vibro-cylinder concrete layer class Bbtb-2,8 according to CP D.02. 01-2012 , h=16cm)	m3	664.64	_____	_____
23	DI154A	Double arrangement of the bituminous treatment of road carpet with synchronous distribution of bituminous emulsion and cube-shaped granite chippings using "Cipsiler" truck; first stage: cubic granite chippings fraction 10-15mm	100m2	41.54	_____	_____
24	DI154B	Double arrangement of bituminous treatment of road carpet with synchronous distribution of bituminous emulsion and cube-shaped granite chippings using "Cipsiler" truck; second stage: cube-shaped granite broken stone fraction 5-10	100m2	41.54	_____	_____
25	DE10E	Prefabricated concrete curbs (curb size 100x30x15 cm, on concrete foundation B15)	m	1 280,00	_____	_____
<u>Total Road system</u>						_____
Including wages						—
		3. Execution of the sidewalk				
26	DA06B2	Layer of natural cylinder-shaped aggregates, having the function of filtering resistance, insulation, ventilation, antifreeze and anti-capillary, with mechanical bedding, using sand (sand layer h=10cm)	m3	44.00	_____	_____

1	2	3	4	5	6	7
27	DI111	Mechanized execution of foundation layers with h = 12 cm using broken stone on sidewalks	m2	440.00	_____	_____
28	DI112.k-2	For every 1 cm change in the thickness of the layer of broken stone - added or subtracted to the norm DI111 (k=-2)	m2	-440.00	_____	_____
29	DI107	Priming of the surfaces of the base layers in order to apply a layer of asphalt concrete, 0.6 l / m2	t	0.26	_____	_____
30	DE12C	Cast asphalt, executed on sidewalks, on top of existing foundation, layer thickness 3.0 cm	m2	436.00	_____	_____
31	DE11A	Small pre-cast concrete curbs 10x15 cm, for framing green spaces, sidewalks, alleys, etc., laid on a concrete foundation, of 10x20 cm (small curbs 100x20x8 cm, on a concrete bed B15)	m	694.00	_____	_____
<u>Total Execution of the sidewalk</u>						
<u>Including wages</u>						
4. Courtyard entrances						
32	DA06B2	Layer of natural cylinder-shaped aggregates, having the function of filtering resistance, insulation, ventilation, antifreeze and anti-capillary, with mechanical bedding, using sand (sand layer h=10cm)	m3	15.20	_____	_____
33	DA12B	Foundation layer or re-profiling using broken stone M400, for roads, with mechanical bedding, made by filling up without compacting (h=0.12 m)	m3	18.30	_____	_____
34	DI107	Priming of the surfaces of the base layers in order to apply a layer of asphalt concrete, 0.6 l / m2	t	0.09	_____	_____
35	DB16H	Asphalt concrete road carpet with small aggregates, hot executed, 4.0 cm thickness, with mechanical bedding (dense microgranular asphalt concrete, SMBg--II / 2.3 SM.STB1033:2008)	m2	156.00	_____	_____

1	2	3	4	5	6	7
<u>Total Courtyard</u>						
<u>entrances</u>						
Including wages						
		5. Reinforcement of ditches with monolithic concrete				
36	TsA20C	Manual earth digging, in embankments, to areas dug with excavator or scraper, to level the excavation at the profile of the embankment, in compacted terrain	m3	7.18	_____	_____
37	TsE01B	Manual leveling of terrain and platforms, with bumps of 10-20 cm, in the middle ground (manual finishing of the end side)	100m2	0.24	_____	_____
38	TsE03B	Manual finishing (polishing) of slopes, in the middle terrain (manual finishing of the slopes)	100m2	0.95	_____	_____
39	DI119	Monolithic concrete foundations B20 on artificial premises (monolithic concrete gutter B20) - bottom h=10cm	m3	1.80	_____	_____
40	DI119	Monolithic concrete foundations B20 on artificial premises (monolithic concrete gutter B20) - slopes h=10cm	m3	7.70	_____	_____
<u>Total Reinforcement of</u>						
<u>ditches with monolithic</u>						
<u>concrete</u>						
Including wages						
		6. Repair footing PC6+33				
41	TsC02D1	Mechanical digging with excavator on tires of 0,21-0,39 mc, with hydraulic control, on soil with natural humidity, terrain unloading, soil category. II (digging)	100 m3	0.14	_____	_____
42	TsA20C	Manual earth digging, in embankments, to areas dug with excavator or scraper, to level the excavation at the profile of the embankment, in compacted terrain	m3	1.40	_____	_____
43	TsI50A3	Soil transportation using dumping truck at a distance of 3 km	t	23.00	_____	_____

1	2	3	4	5	6	7
44	TsC51B	Unloading works	100 m3	0.12	_____	_____
45	PK20A	Cleaning of demolished concrete surfaces with wire rope brush, washing with water and brushing with cement milk	m2	6.80	_____	_____
46	CF15A	Interior and exterior plastering trowels, executed in cement mortar M 100-T of 2 cm average thickness, for walls from concrete or bricks, with plain surfaces	m2	6.80	_____	_____
47	DI130	Reinforcement of embankment slope with monolithic concrete h=15 cm on broken stone foundation h=10 cm (with monolithic concrete B20 h = 8cm and broken stone h = 10cm)	100m2	0.11	_____	_____
48	DI131.k-7	For every 1 cm change in the thickness of the concrete layer - added or subtracted to the norm DI130 K =-7	100m2	-0.11	_____	_____
49	PD04A	Mounting fittings	kg	16.39	_____	_____
50	DI130	Reinforcement of embankment slope with monolithic concrete h=15 cm on broken stone foundation h=10 cm (with monolithic concrete B20 h = 12cm and broken stone h = 10 cm)	100m2	0.36	_____	_____
51	DI131.k3	For every 1 cm change in the thickness of the concrete layer - added or subtracted to the norm DI130 K =-3	100m2	-0.36	_____	_____
52	PD04A	Mounting fittings	kg	78.19	_____	_____
53	DI130	Reinforcement of embankment slope with monolithic concrete h=15 cm on broken stone foundation h=10 cm (with monolithic concrete B20 h = 8cm and broken stone h = 10cm)	100m2	0.17	_____	_____
54	DI131..k-7	For every 1 cm change in the thickness of the concrete layer - added or subtracted to the norm DI130 K =-7	100m2	-0.17	_____	_____
55	PD04A	Mounting fittings	kg	24.36	_____	_____

1	2	3	4	5	6	7
56	DI119	Concrete monolithic foundations B20 to artificial premises (pinten) h=12cm	m3	1.40	_____	_____
57	DI125	Installation of the ends of the tubular footbridge with diameter 1.0 m for artificial premises raised along the roads (Wings CT4) 4pcs	m3	3.92	_____	_____
58	DI125	Installation of the ends of the tubular bridge with diameter 1.0 m for artificial buildings on roads (portals) 2pcs	m3	2.50	_____	_____
59	TsD03A1	Scattering of fine-grained soil from the terrain of Category I or II and Category III or IV terrain, executed with tractor-mounted bulldozer with tracks of 81-180 HP, in layers of 15-20 cm, terrain catg. I or II	100 m3	0.03	_____	_____
60	TsD05A	Compaction with mechanical press of 150-200 kg of the fillings in successive layers of 20-30 cm thick, exclusive watering of each layer individually, filling up with non-viscous soil	100 m3	0.03	_____	_____
<u>Total Footbridge repair</u>						_____
<u>PC6+33</u>						_____
Including wages						
7. Works ensuring Road Traffic Safety						
61	DF17A	Longitudinal, transverse and various markings, mechanically executed, with paint, on road surfaces	m2	110.58	_____	_____
62	DF18A	Planting poles for metal road traffic signs, made industrially (CKM1. 30)	pcs	25.00	_____	_____
63	DF19A	Mounting of road traffic signs made of steel or aluminum sheet on ready-planted poles --indicator A700-10pcs; indicator B600-9pcs.; indicators B700-1pcs.; indicators 600x300-5pcs.	pcs	25.00	_____	_____
<u>Total Works ensuring</u>						_____
<u>Road Traffic Safety</u>						_____

1	2	3	4	5	6	7
Including wages						
<u>Direct expenditure, cap1-cap.7,</u>			<u>US\$</u>			
Including wages			US\$			
	CASM		24,00 %		US\$	
	Transportation costs		%		US\$	
	Route picketing				US\$	
	Topographic and Geodetic check up				US\$	
	Total		100.00 +		US\$	
	Overhead costs		%		US\$	
	Total		100.00 +		US\$	
	Estimated benefit		%		US\$	

Total estimates:
Including wages

US\$
US\$

Bidder

_____ (position, signature)
