Repairing the road paving on the National Street, planning the parking lots on the segment between Romana Street and Stefan cel Mare Street in Ungheni city
PC 6+50 – PC 21+71

(name of the site)

Form No. 1
WinCmeta

List with quantities of works

Bid value: USD

No crt.	Symbol of the norm and resource code	Name of works	Unit of measure	Volume
1	2	3	4	5
		Restoring the route, relief of category II, National Street	km	1.521
		Pegging out the axis of National Street	km	1.521
		Restoring the route, relief of category II (parking)	km	0.231
		Pegging out the axis (parking)	km	0.231
		Total, Pegging out axes **Incl. salary**	**USD** **USD**	
		1. Preparatory works **1.1. Demolishing existing road signs**		
1	DF22A	Removing the pillars for road traffic signs	pcs	81.000
2	DF21A	Dismantling road traffic signs	pcs	166.000
		1.2. Demolishing the existing edging		
3	DG04B	Dismantling stone or concrete borders of any size, placed on concrete	m	3 240.000
4	TsC03D1	Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in the storage of ground cat. IV (Demolishing the concrete foundation)	100 m3	1.458
5	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	2.884
6	TsI51A5	Transportation with the dumper of 10 t at a distance of 5 km	t	634.400
		1.3. Demolishing the existing road clothing at the access points		

1	2	3	4	5
7	DG05A	Scouring the covering with the layer up to 3 cm thick, made of permanent asphalt carpets, asphalt concrete	m^2	86.000
8	DG03A	Removing the sidewalks from existing pavement H=0.04 m	m^2	153.000
9	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	0.087
10	TsI51A5	Transportation with the dumper of 10 t at a distance of 5 km	t	17.900
		1.4. Demolishing and cutting the existing road clothing at the adjacent parking		
11	DI109	Mechanized scrapping of the asphalt concrete coating	m^3	62.600
12	DI118	Mechanized scrapping of the lime gravel, sand coating	m^3	131.200
13	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	1.938
14	TsI51A5	Transportation with the dumper of 10 t at a distance of 5 km	t	373.200
		1.5. Cleaning the rainwater sewerage system		
15	DH16A	Washing out and cleaning the silted wells for rainwater intake	m^3	59.100
16	DH16A	Manually washing out and cleaning the silted wells of the central network of the rainwater sewerage system	m^3	6.400
17	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	0.655
18	TsI51A5	Transportation with the dumper of 10t at a distance of 5 km	t	117.900
19	AcF11F	Hydrodynamic cleaning of the rainwater sewerage pipes with the help of under-pressure water piston	m	1 846.500
20	AcE06A	Assembling the grills with cast iron frame at the water drainage points (ДБ2)	pcs	92.000
21	AcE07C	Mounting iron or iron-concrete covers without the support element, at the manholes of the water and sewerage supply installations, carriageable type III A and B	pcs	23.000

1	2	3	4	5
		(Setting the heavy cast iron covers, Type D400 or Type TM)		
		1.6. Resetting the wells at the project level		
22	DG06B	Demolishing the concrete rings	m^3	0.180
23	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	0.002
24	TsI51A3	Transportation with the dumper of 10 t at a distance of 3 km	t	0.390
25	RpAcF04A	Pouring the walls of the manholes made of simple concrete, with depth of 2-4 m	m^3	9.880
26	AcE07C	Mounting iron or iron-concrete covers without the support element, at the manholes of the water and sewerage supply installations, carriageable type III A and B (Setting the heavy cast iron covers, Type D400 or Type TM)	pcs	43.000
		Total chapter 1 **Incl. salary**	**USD** **USD**	
		2. Setting out the road traffic system		
27	RpAr3E	Cutting the edge of the asphalt with diamond disks (without workers)	m	3 418.000
28	DI155E	Cutting with the miller of the used asphalt concrete layer, having a drum width of 2000 mm, the depth of the layer: 9 cm, K=0.956	m^2	21 180.000
29	TsI51A10	Transportation with the dumper of 10 t at a distance of 10 km	t	4 402.000
30	DZ01A	Preparing in fixed stations of the mixture for stabilized road stations, made from cold recycling of asphalt concrete, and adding new granular materials M600 (up to 40%), mixed with milled asphalt (60%) and stabilized with cement, CP D. 02.12 .-2014 (granular material - 0.576 m3, cement - 89.4 kg per 1 m3 of mix)	m^3	2 565.200
31	TsI51A10	Transportation with the dumper of 10 t at a distance of 10 km	t	4 617.360
32	DA10B	Main layer from cold recycling of asphalt concrete, and adding new granular materials M600 (up to 40%), mixed with milled asphalt (60%) and stabilized with cement, CP D. 02.12 .-2014, H=12 cm (without the cost of granular material stabilized with cement or	m^3	2 565.200

1	2	3	4	5
		lime and slag)		
33	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete 0.6 l/m2	t	12.710
34	DB19G	Asphalt concrete covering with big aggregate SKPg-II, executed in hot conditions, in thickness of 6.0 cm with mechanic laying 6.0 cm	m^2	21 180.000
35	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.3 l/m2	t	6.354
36	DB16H	Asphalt concrete covering based on bituminous mastic SMSc -I/2,2 SM STB 1033:2008 with modified bitumen, executed in hot conditions, in thickness of 4.0 cm with mechanical laying	m^2	21 180.000
37	TsC54B	Main layer from crushed stone M400, according to SMSc -I/2,2 SM STB 1033:2008	m^3	67.900
38	DE10A	Pre-manufactured concrete borders, for pavements 20x25 cm, on concrete foundation 30x18 cm (edging stone БР100.30.18)	m	3 292.000
39	PB01A	Pouring simple concrete B15 in complementation, leveling, filling and slopes, executed in layers of 5-20 cm thickness (additionally for edges' foundation)	m^3	189.700
		Total, chapter 2 **Incl. salary**	**USD** **USD**	
		3. Access to lateral streets, access points, sidewalks, branching, auto stations **3.1. Setting out the lateral streets** **3.1.1. Type I (719.4 m2)**		
40	DI155E	Cutting with the miller of the used asphalt concrete layer, having a drum width of 2000 mm, the depth of the layer: 12 cm, K=1.101	m^2	719.400
41	TsI51A10	Transportation with the dumper of 10 t at a distance of 10 km	t	198.000
42	DZ01A	Preparing in fixed stations of the mixture for stabilized road stations, made from cold recycling of asphalt concrete, and adding new granular materials M600 (up to 40%), mixed with milled asphalt (60%) and stabilized with cement, CP D. 02.12 .-2014 (granular material - 0.576 m3, cement - 89.4 kg per 1	m^3	86.400

1	2	3	4	5
		m3 of mix)		
43	TsI51A10	Transportation with the dumper of 10 t at a distance of 10 km	t	155.520
44	DA10B	Main layer from cold recycling of asphalt concrete, and adding new granular materials M600 (up to 40%), mixed with milled asphalt (60%) and stabilized with cement, CP D. 02.12 .-2014, H=12 cm (without the cost of granular material stabilized with cement or lime and slag)	m^3	86.400
45	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete 0.6 l/m2	t	0.432
46	DB19G	Asphalt concrete covering with big aggregate SKPg-II, executed in hot conditions, in thickness of 6.0 cm with mechanic laying 6.0 cm	m^2	719.400
47	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.3 l/m2	t	0.216
48	DB16H	Asphalt concrete covering based on bituminous mastic SMSc -I/2,2 SM STB 1033:2008 with modified bitumen, executed in hot conditions, in thickness of 4.0 cm with mechanical laying	m^2	719.400
		3.1.2. Type II (269.8 m2)		
49	DA06B2	Draining layer of sand, h=10 cm (sand 26.98x1.1=29.68 m3)	m^3	26.980
50	DA12C	Setting the lower foundation layer from crushed stone M400, H=14 cm	m^3	37.770
51	DA12B	Setting the upper foundation layer from crushed stone M400, H=14 cm	m^3	37.770
52	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete 0.6 l/m2	t	0.162
53	DB19G	Asphalt concrete covering with big aggregate SKPg-II, executed in hot conditions, in thickness of 6.0 cm with mechanic laying 6.0 cm	m^2	269.800
54	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.3 l/m2	t	0.080

1	2	3	4	5
55	DB16H	Asphalt concrete covering based on bituminous mastic SMSc -I/2,2 SM STB 1033:2008 with modified bitumen, executed in hot conditions, in thickness of 4.0 cm with mechanical laying	m^2	269.800
		3.2. Setting out the entries into the courtyards **3.2.1. Setting out the entries into the courtyards (Type II - 25.6 m2)**		
56	TsC54B	Main layer from crushed stone M400, according to GOST 8267-93, H= 15cm	m^3	3.840
57	DE18A	Pavement made of precast concrete paving slabs laid H=6 cm, Bricks type, on a layer of dry cement and sand mixture of 10%, embroidered with dry mixture of cement and sand, 5 cm thick layer	m^2	25.600
58	DE11A	Small edging, precast from concrete БР100.20.8, placed on a concrete foundation	m	10.000
		3.2.2. Setting out the entries into the courtyards (Type II - 100.7 m2)		
59	DA06A2	Draining layer of sand, h=10 cm (sand 10.7x1.1=11.77 m3)	m^3	10.700
60	DA12B	Setting the upper foundation layer from crushed stone M400, H=15 cm	m^3	15.100
61	Dl107	Priming the surface of the main layers in order to apply a layer of asphaltic concrete 0.6 l/m2	t	0.060
62	DB16D	Asphalt concrete covering with small aggregates SMVg-III, executed in hot conditions, in thickness of 4.0 cm with manual laying	m^2	100.700
63	DE11A	Small edging, precast from concrete БР100.20.8, placed on a concrete foundation	m	56.000
		3.3. Setting out the car parking on the National Street **3.3.1. Preparatory works**		
64	DG06B	Demolishing the existing monument	m^3	1.500
65	DG04B	Dismantling stone or concrete borders of any size, placed on concrete	m	161.000
66	TsC03D1	Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural	100 m3	0.072

1	2	3	4	5
		humidity, and unloading in the storage of ground cat. IV (Demolishing the concrete foundation)		
67	TsC02D1	Mechanical loading with the excavator of 0.25 m3, K=0.8	100 m3	0.158
68	TsI51A3	Transportation with the dumper of 10 t at a distance of 3 km	t	34.800
		3.3.2. Embankment and enhancement works		
69	TsC19A1	Mechanic digging with bulldozer on the crawler 81-180 HP, including the pushing of the ground up to 10m, in ground of category I (Descaling the layer of vegetal soil with bulldozer, pushing it to 20m. H=15 cm)	100 m3	2.800
70	TsC22C1	Increase in use of hours-equipment art. TsC19A1 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective item, for grounds of category I	100 m3	2.800
71	TsC03F1	Excavating the soil in the cutting slope, road system box, exc. 0.4 m3 in the accumulation place, ground gr. II Y = 1.9 t/m3	100 m3	5.020
72	TsI51A3	Transportation of soil with the dumper of 10 t at a distance of 3 km	t	953.830
73	TsC51B	Works for unloading the soil in the storage, ground category II	100 m3	5.020
74	TsE05B	Levelling with motor grader up to 175 HP of the natural land field and of the groundwork platforms, by cutting the bumps and pushing the dug soil in the holes, land cat. II.	100 m2	17.980
75	TsE03A	Manual finishing works	100 m2	4.490
76	DI96	Compacting of the box foundation, compactor roller 25 t, layer thickness 25 cm with 6-8 passes (compactor only)	100 m3	5.570
77	TsE05B	Finishing the green zones with the self-grader up to 175 HP, ground category II	100 m2	6.620
78	TsC22D1	Moving the vegetal soil from scraping towards the green zones with the bulldozer, pushing it to 20 m. H=0.15 m., K=2	100 m3	0.993
79	TsH09C	Planting the lawns on the green zones' surfaces	100 m2	6.620

1	2	3	4	5
		3.3.3. Setting out the rainwater sewerage networks		
80	TsC03B1	Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in the storage of ground cat. II (for setting the pipes)	100 m3	2.080
81	TsC03F1	Loading soil with the excavator of 0.40 m3, K=0.8	100 m3	0.740
82.	TsI51A3	Transportation of soil with the dumper of 10 t at a distance of 3 km	t	140.600
83	TsC51B	Works for unloading the soil in the storage, ground category II	100 m3	0.740
84	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. (Setting the sand bed 100mm with the volumetric weight 2100 kg/m3 and natural slope angle of 25°)	m^3	10.500
85	AcA07C	Assembling in the ground, outside the building, of the PVC SN4 pipes, diameter 250 mm	m	14.600
86	AcF03A	Setting the compacted clean sand layer 100mm (maximum granulation 10 mm)	m^3	31.100
87	AcF03D	Setting the coverage layer - soil from the digging without inclusiveness (max 5cm) compacted in successive layers, 15 cm thick	m^3	134.000
88	DI105	Compacting the ground of cat. II with pneumatic knockers	100 m3	1.340
89	PI06A	Assembling the ring CT 10-10* with bottom, with crane or truck crane on 9.9 tf tires	pcs	2.000
90	01	Ring CT 10-10* with bottom	pcs	2.000
91	PI06A	Assembling covering plate at the access point in the rainwater intake well КЦП3- 10 with truck crane	pcs	2.000
92	02	Covering plate at the access point in the rainwater intake well КЦП3- 10	pcs	2.000
93	AcE06A	Assembling the grills with cast iron frame at the water drainage points (ДБ2)	pcs	2.000
94	RpAcF04A	Pouring the walls of the manholes made of simple concrete, with depth of 2-4 m	m^3	0.170

1	2	3	4	5
		3.3.4. Setting the road traffic system		
95	RpAr3E	Cutting the edge of the asphalt with diamond disks (without workers)	m	179.000
96	DA06B2	Draining layer of sand, h=10 cm (sand 221.2x1.1=243.32 m3)	m^3	221.200
97	DA12C	Setting the lower foundation layer from crushed stone M400, H=15 cm	m^3	327.450
98	DA12B	Setting the upper foundation layer from crushed stone M400, H=10 cm	m^3	218.300
99	DE18A	Pavement made of precast concrete paving slabs laid H=8 cm, Bricks type, on a layer of dry cement and sand mixture of 10%, embroidered with dry mixture of cement and sand, 5 cm thick layer	m^2	2 005.000
100	DE10A	Pre-manufactured concrete borders, for pavements 20x25 cm, on concrete foundation 30x18 cm (edging stone БР100.30.18)	m	444.000
101	TsC54B	Main layer from crushed stone M400, according to GOST 8267-93, H= 10cm	m^3	19.090
102	PB01A	Pouring simple concrete B15 in complementation, leveling, filling and slopes, executed in layers of 5-20 cm thickness (additionally for edges' foundation)	m^3	25.750
103	TsC54B	Main layer from crushed stone M400, according to GOST 8267-93, H= 10cm	m^3	13.500
104	DE18A	Pavement made of precast concrete paving slabs laid H=6 cm, Bricks type, on a layer of dry cement and sand mixture of 10%, embroidered with dry mixture of cement and sand, 5 cm thick layer	m^2	135.000
105	DE11A	Small edging, precast from concrete БР100.20.8, placed on a concrete foundation	m	87.000
		Total, chapter 3 **Incl. salary**	**USD** **USD**	
		4. Installation of road signalization **4.1. Installing road signs**		
106	DF18A	Planting the pillars for industrially-manufactured metallic road traffic signs Brand CKM 1.30	pcs	10.000

1	2	3	4	5
107	DF18A	Planting the pillars for industrially-manufactured metallic road traffic signs Brand CKM 1.35	pcs	15.000
108	DF18A	Planting the pillars for industrially-manufactured metallic road traffic signs Brand CKM 2.30	pcs	69.000
109	DF18A	Planting the pillars for industrially-manufactured metallic road traffic signs Brand CKM 2.40	pcs	19.000
110	DF19A	Assembling the road signs A700	pcs	16.000
111	DF19A	Assembling the road signs A900	pcs	1.000
112	DF19A	Assembling the road signs B700	pcs	43.000
113	DF19A	Assembling the road signs B900	pcs	86.000
114	DF19A	Assembling the road signs D700	pcs	14.000
115	DF19A	Assembling the road signs BH-600x900	pcs	27.000
116	DF19A	Assembling the road signs BH-700x350	pcs	44.000
		4.2. Setting the road marking		
117	DF17A	Setting the road marking (white), reflectorizing thermoplastic type	m^2	1 441.000
118	DF17A	Setting the road marking (red), reflectorizing thermoplastic type	m^2	453.000
119	DF17A	Setting the road marking (yellow), reflectorizing thermoplastic type	m^2	2.000
		Total, chapter 4 **Incl. salary**	**USD** **USD**	
		Total, pegging out + chapter 1 + chapter 2 + chapter 3 + chapter 4 **Incl. salary**	**USD** **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