

Designer: TAULANT SHPK  
 Object: Interventions to Improve Road Safety, Stability and Functionality

Date: 03-06-2026

**PREVENTIVE WORKS**

NO.	CODE	TITLE OF WORKS.	Unit	QUANTITY	PRICE EXCLUDING VAT	PRICE EXCLUDING VAT	TV Listings
		<b>1. DEFORESTATION WORKS</b>					
1	3.2	Small plant cuttings $\varnothing \sim 10\text{cm}$	m2	24283			20%
		<b>AMOUNT 1:</b>					
		<b>2. CONSTRUCTION OF WORKS OF ART + SEWERAGE</b>					
2	3.405/1	Demolition of concrete structures	m3	27.50			20%
3	3.405	Demolition of stone structures	m3	272			20%
4	3.352	Coffee stone filling	m3	408			20%
5	3.323	Retaining stone wall and foundation, cement mortar M50	m3	504			20%
6	3.331	Gabion with galvanized wire mesh and coffee stone 1x1x1 m	m3	2717			20%
7	3.332	Gabion with galvanized wire mesh, coffee stones 1x1x1.5 m	m3	2286			20%
8	3.333	Gabion with galvanized wire mesh, coffee stones 1x1x2 m	m3	4081			20%
9	3.396/1	Gravel filling behind walls	m3	4171			20%
10	3.396	Glazing behind the walls	m3	6530			20%
11	3.401/2	Geotextile with a weight of 500 g/m2	m2	490			20%
12	3.402/1	FV Monoaxial Geogrid Tensile strength=60 kN/m	m2	2686			20%
13	3.402/2	FV Monoaxial Geogrid Tensile strength=90 kN/m	m2	9472			20%
14	3.402/3	FV Monoaxial Geogrid Tensile strength=170 kN/m	m2	470			20%
15	3.402/4	FV Monoaxial Geogrid Tensile strength=212 kN/m	m2	303			20%
16	3.365	Manhole with concrete pipes $\varnothing 600$ , on concrete layer	m	129			20%
17	3.366	Manhole with concrete pipes $\varnothing 800$ , on concrete layer	m	119			20%
18	3.367	Manhole with concrete pipes $\varnothing 1000$ , on concrete layer	m	179			20%
19	3.369	Manhole with concrete pipes $\varnothing 1500$ , on concrete layer	m	43			20%
20	3.396	Glazing behind the walls	m3	82			20%
21	3.396/1	Gravel filling behind walls	m3	82			20%
22	3.396/2	Clay filling behind walls	m3	979			20%
23	3.401	Geotextile with a weight of 180 g/m2	m2	653			20%
24	3.401/1	Geotextile with a weight of 280 g/m2	m2	653			20%
25	3.376	Drainage construction, filling with coffee stones	m3	82			20%
26	3.378	Drainage construction, gravel filling produced by Mak	m3	82			20%
27	3.352	Coffee stone filling	m3	3265			20%
28	3.353	Filling with previously excavated rock	m3	245			20%
29	3.396	Glazing behind the walls	m3	3265			20%
30	3.396/1	Gravel filling behind walls	m3	1542			20%
31	3.394	Protecting slopes with wire mesh from falling rocks	m2	4081			20%
32	3.400	Protection of slopes from falling rocks with geomats, composed of a three-dimensional polymer and wire mesh with hexagonal openings 6x8 cm coated with Zn-5%Al galvanization	m2	4081			20%
33	3.400/1	Protection of slopes from falling rocks with wire mesh oriented in one direction, with 8x10 hexagonal openings reinforced in the 300 longitudinal direction with lateral steel cables.	m2	4081			20%
34	3.400/2	Protection of slopes from falling rocks with wire mesh oriented in one direction 150 with 8x10 hexagonal openings reinforced in the longitudinal direction with lateral and central steel cables.	m2	4081			20%
35	3.400/3	Protection of slopes from falling rocks with wire mesh (HR 30) or similar high-resistance with 8x10 hexagonal openings reinforced in the longitudinal direction with steel cables every 30 cm	m2	4081			20%
36	3.400/4	Protection of slopes from falling rocks with 6x8 hexagonal wire mesh and diameter 2.2-2.4 mm coated with galvan (Zn-5%Al) with side edges $\varnothing 3.4/3.0$ mm.	m2	4081			20%

37	3,598	Torcreting with cement mortar 1:2, t = 15 cm	m2	5713		20%
		<b>AMOUNT 2:</b>				
		<b>3. EXCAVATION WORKS</b>				
38	3.89/a	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches up to 2 m wide, clay soil, category III, with a skid on the vehicle	m3	16324		20%
39	3.89/b	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches > 2 m wide, clay soil, category III, with a skid on the vehicle	m3	65668		20%
40	3.104/b	Excavation of soil with a chain excavator, 0.5 m <sup>3</sup> , in trenches > 2 m wide, loose soil, category IV, with a vehicle	m3	16324		20%
41	3.110/b	Excavation of soil with a chain excavator, 1.0 m <sup>3</sup> , in trenches > 2 m wide, loose soil, category IV, with a shovel on the vehicle	m3	16324		20%
42	3.99/b	Excavation of soil with a 0.25 m <sup>3</sup> chain excavator, in channels > 2 m wide, near water ~1m, category III, with a vehicle	m3	2290		20%
43	3.128/b	Excavation of crushed rock with 1.0 m <sup>3</sup> excavator, rock, in foundations >2 m wide, with unloading into the vehicle	m3	34259		20%
44	3.124/1 a	Medium rock excavation with hammer with chain excavator 3	m3	29541		20%
45	3.124/2 a	Hard rock excavation with a hammer using a chain excavator 3	m3	13268		20%
46	3.124/3 a	Cheap dry rock excavation, with small mines, with 1 m3 excavator + transport	m3	1890		20%
47	3.161/1	Slope leveling during excavation, 0.5 m3 excavator	m2	11392		20%
48	3.158/5 a	Soil transport by car up to 5.0 km	m3	50958		20%
49	3.89/a	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches up to 2 m wide, clay soil, category III, with a skid on the vehicle	m3	9795		20%
50	3.99/b	Excavation of soil with a 0.25 m <sup>3</sup> chain excavator, in channels > 2 m wide, near water ~1m, category III, with a vehicle	m3	3265		20%
51	3.104/b	Excavation of soil with a chain excavator, 0.5 m <sup>3</sup> , in trenches > 2 m wide, loose soil, category IV, with a vehicle	m3	1632		20%
52	3.128/b	Excavation of crushed rock with 1.0 m <sup>3</sup> excavator, rock, in foundations >2 m wide, with unloading into the vehicle	m3	3265		20%
53	3.158/5 a	Soil transport by car up to 5.0 km	m3	3137		20%
54	3.158/5 a	Soil transport by car up to 5.0 km	m3	108		20%
55	3.89/a	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches up to 2 m wide, clay soil, category III, with a skid on the vehicle	m3	3265		20%
56	3.99/b	Excavation of soil with a 0.25 m <sup>3</sup> chain excavator, in channels > 2 m wide, near water ~1m, category III, with a vehicle	m3	408		20%
57	3.104/b	Excavation of soil with a chain excavator, 0.5 m <sup>3</sup> , in trenches > 2 m wide, loose soil, category IV, with a vehicle	m3	9795		20%
58	3.89/a	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches up to 2 m wide, clay soil, category III, with a skid on the vehicle	m3	1632		20%
59	3.128/b	Excavation of crushed rock with 1.0 m <sup>3</sup> excavator, rock, in foundations >2 m wide, with unloading into the vehicle	m3	329		20%
60	3.124/1 a	Medium rock excavation with hammer with chain excavator 3	m3	816		20%
61	3.124/2 a	Hard rock excavation with a hammer using a chain excavator 3	m3	816		20%
62	3.161	Slope leveling during excavation, 1 m3 excavator	m2	15508.41		20%
63	3.89/b	Excavation of soil with a 0.25 m <sup>3</sup> wheeled excavator, in trenches > 2 m wide, clay soil, category III, with a skid on the vehicle	m3	3241		20%
		<b>AMOUNT 3:</b>				
		<b>4. LAYER WORKS</b>				
64	3.164/1 a	Filling with excavated material in the road body, spread and compacted with machinery	m3	46161		20%
65	3.164/1 b	Filling with gravel and stone in the road body, spread and compacted with machinery	m3	22214		20%
66	3.205/2	River gravel layer t=20cm, spread and compacted with machinery	m2	24280		20%
67	3.198	Roller shutters	m2	46150		20%
68	3.211	Coffee waste gravel layer t=20cm, spread and compacted with machinery	m2	16324		20%
69	3.212	Gravel layer t=10/15cm, macadam, spread and compacted by machinery	m2	112076		20%
70	3.212/b	Stabilizing layer t=10cm	m2	8294		20%
71	3.205/2	River gravel layer t=20cm, spread and compacted with machinery	m2	12		20%
		<b>AMOUNT 4:</b>				

		<b>5. CONCRETE AND REINFORCED CONCRETE WORKS</b>				
72	3.248	Monolithic concrete structure with ballast C 30/37	m3	86		20%
73	3.245	Monolithic concrete structure C 25/30	m3	114		20%
74	3.244	Monolithic concrete structure C 20/25	m3	993		20%
75	3.243	Monolithic concrete structure C 16/20	m3	840		20%
76	3.240	Monolithic concrete structure C 12/15	m3	89		20%
77	3.240	Monolithic concrete structure C 12/15	m3	62		20%
78	3.244	Monolithic concrete structure C 20/25	m3	539		20%
79	3.248	Monolithic concrete structure with ballast C 30/37	m3	232		20%
80	3.245	Monolithic concrete structure C 25/30	m3	319		20%
		<b>SUM 5:</b>				
		<b>6. CONCRETE IRON WORKS 3</b>				
81	3.287	FV Ordinary concrete rebar $\emptyset$ 6 ~ 10mm	tone	4		20%
82	3.288	FV Ordinary concrete rebar $\emptyset$ > 12mm	tone	21		20%
83	3.287	FV Ordinary concrete rebar $\emptyset$ 6 ~ 10mm	tone	21		20%
84	3.288	FV Ordinary concrete rebar $\emptyset$ > 12mm	tone	27		20%
		<b>AMOUNT 6:</b>				
		<b>7. VARIOUS WORKS</b>				
85	3.654	FV Plastic pipes $\emptyset$ 100	m	299		20%
86	3.624	H / Emulsion insulation, 2 coats of bitumen	m2	223		20%
87	3.624	H / Emulsion insulation, 2 coats of bitumen	m2	64		20%
88	3.652	FV Plastic pipes $\emptyset$ 200	m	16		20%
89	3.620	Sidewalk, 6 cm concrete, with tiles	m2	1632		20%
90	3.616/a	FV Concrete curb 15x25cm	m	1632		20%
91	3.643/a	FV And vegetable filling (green beans)	m3	1224		20%
92	3.643/b	Hydroponics on the facade of the terrace	m2	712		20%
93	3.643/a	FV And vegetable filling (green beans)	m3	142		20%
		<b>SUM 7:</b>				
		<b>8. MISCELLANEOUS, ELECTRICAL AND SIGNALING</b>				
94	3.164/1 t	FV Ribbed pipes HDPE SN8 d=315 mm	ml	24		20%
95	3.164/2 t	FV Ribbed pipes HDPE SN8 d=400 mm	ml	28		20%
96	3.193	FV Guardrail- H2 side with 3 waves. on 1 side, W4	ml	1632		20%
97	3.184	FV Guardrail- N2 lateral with 2 waves. on 1 side, W3	ml	4838		20%
98	3.919	FV Fundore guardrail with 2 valez.	PIECES	44		20%
99	3.921	FV Small square table with A=40	PIECES	12		20%
100	3.921/2	FV Large square table with A=90	PIECES	4		20%
101	3.921/1	FV Normal square table with A=60	PIECES	17		20%
102	3.922	FV Rectangular (display) table (AxB) reduced 40x60	PIECES	8		20%
103	3.922/1	FV Small rectangular (display) board (AxB) 60x90	PIECES	6		20%
		<b>SUM 8:</b>				
		<b>9. LAYER WORKS 2</b>				
104	2.261	Sand layer	m3	27		20%
105	2.261	Sand layer	m3	163		20%
		<b>SUM 9:</b>				
		<b>10. TECHNICAL ANALYSIS</b>				
106	3.231/1	Asphalt concrete layer with crushed stone, 3cm, with machinery	m2	6530		20%
107	3.233/1	Asphalt concrete layer with gravel, 4cm, with machine	m2	6530		20%
108	3.229/1	Bindery layer with washing machine gravel, 5cm, with machine	m2	6530		20%
109	3.222/2	Bindery layer with coffee stone granule, 6cm, with machinery	m2	6530		20%
		<b>SUM 10:</b>				
		<b>11. B. HORIZONTAL SIGNALS</b>				
110	3.942/3	Longitudinal and lateral stripes with a width of 12 cm, Thermoplastic (spray)	ml	1632		20%
111	3.946/1	Pedestrian crossing markings. Bicomponent (paste)	m2	65		20%
		<b>SUM 11:</b>				
		<b>12. PROBE WORKS ON BRIDGES</b>				
112	3.463	Drilling with "UKS" probes $\emptyset$ 0.6m, ~ 25m.	m	49		20%
113	3.455	Drilling with probe $\emptyset$ 0.8 m, ~ 15 m, (retaining curtain).	m	65		20%
114	3.463/1	Drilling with "UKS" probes $\emptyset$ 0.8m, ~ 25m.	m	65		20%
115	3.464	Drilling with probes in common soils $\emptyset$ 800mm, depth (0-10m).	m	114		20%
116	3.465	Drilling with probes in common soils $\emptyset$ 800mm, depth (10-20m).	m	114		20%
117	3.457	Drilling with "UKS" probes $\emptyset$ 1m, ~20m, rocky ground	m	49		20%
		<b>SUM 12:</b>				
		<b>13. REINFORCEMENT WORKS - FORMWORK - CONCRETE AND IRON FOR TUNNELS</b>				

118	3,761/2	Torcreting with cement mortar 1: 2, t = 5 cm	m2	11427		20%
119	3,761/3	Torcreting with cement mortar 1: 2, t = 3 cm	m2	3265		20%
120	3,766	Anchors $\varnothing$ in tunnels, periodic	tone	54.9		20%
121	3,764	Periodic concrete reinforcement, in tunnels with S > 30 m <sup>2</sup>	tone	15.7		20%
<b>SUM 13:</b>						
<b>14. D. SIGNALLING AND ADDITIONAL DEVICES. SPEED SLOWERS</b>						
122	3,961	FV Decorative Tree Saplings	PIECES	114		20%
<b>SUM 14:</b>						
<b>15. OUT-OF-LISTS ANALYSIS</b>						
123	AnAn.	Anti-erosion mat/Anti-erosion biomat on reinforced soil walls	m2	712		20%
124	AnAn.20	FV drainage pipe with holes $\varnothing$ 315 mm	m	147		20%
125	AnAn.	FV PVC sewer pipe $\varnothing$ 50 (for drainage of sprayed concrete protection)	m	2857		20%
<b>SUM 15:</b>						
<b>Analysis Amount</b>						
<b>Site Safety (PSK Site Safety Coordination Plan, traffic management and control) 3%</b>						
<b>Analysis +PSK Amount</b>						
<b>VAT amount (20%)</b>						
<b>Amount including VAT</b>						
<b>TOTAL</b>						

Preventer: Eng. Ditika QATIPI

Investor: Albanian Development Fund