

PREVENTIV

OBJEKTI: " Zgjerimi i rruges Elbasa - Qafe Thane", (Faza II)						
No / Nr	No Analyze / Nr Analize	Item Description / Pershkrimi i zerit	Unit/ Njesi	Quantity / Sasia	Rate / Cmimi	Amount in All / Shuma ne Lek
SUMMARY / PERMBLEDHJE						
1		CATEGORY No 1: EARTH WORKS AND DEMOLITION / KATEGORIA Nr 1: PUNIME DHERASH DHE PRISHJET				
2		CATEGORY No 2: PAVEMENTS / KATEGORIA Nr 2: PUNIMET E SHTRESAVE				
3		CATEGORY No 3: MINOR STRUCTURES / KATEGORIA Nr 3 : VEPRAT E VOGLA TE ARTIT				
4		CATEGORY No 4: TRAFFIC SIGN WORKS / KATEGORIA Nr 4: PUNIME SINJALISTIKE				
5		CATEGORY No 5: ADDITIONAL WORKS / KATEGORIA Nr 5: PUNIME SHTESE				
6		CATEGORY No 6: DISPLACEMENT WORK FOR HIGH VOLTAGE LINE / KATEGORIA 6: PUNIME PER SPOSTIM LINJA T / L				
7		SUBTOTAL -1				
8		PROVISIONAL / Rezerve			3%	
9		SUBTOTAL -2				
10		VAT / T V S H			20%	
11		TOTAL				
Main Road / Rruga Kryesore (Km 6+500 - 10+340) L= 3840 ml						
CATEGORY No 1: EARTH WORKS AND DEMOLITION / KATEGORIA Nr 1: PUNIME DHERASH DHE PRISHJET						
1		Small tree cutting and land clearing / Prerje pemesh te vogla dhe pastrim tereni	m2	48,300.00		
2		Demolition of concrete structures + transport / Prishje struktura prej betoni + transport	m3	500.00		
3		Rock excavation, with small mines, with excavator 1 m3 + transport / Germim shkemb sek i lire, me mina te vogla, me ekskavator 1 m3 + transport	m3	163,310.00		
4		Excavation of broken rock with an excavator 0.5 m ³ , rock, in foundations >2 m wide, with unloading in a vehicle / Germim shkembi i coptuar me ekskavator 0.5 m ³ , shkemb, ne themele gjeresi >2 m, me shkarkim ne mjet	m3	566,635.00		
5		Excavation of soil with excavator on tires 1 m ³ , on channels width > 2 m, normal soil, category IV, unloading on vehicle / Germim dheu me ekskavator zingjir, 1.0 m ³ , ne kanale gjeresi > 2 m, toke zak, kategoria IV, me shk ne mjet	m3	672,880.00		
6		Soil Transport auto up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	593,089.00		
7		Filling with material borrowed from excavation in hard rock areas, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material te marre nga germimi i zonave shkembore, perhapur e ngjeshur me makineri, sipas Specifikimeve Teknike	m3	576,442.00		
8		Roadbed compaction with road roller, compaction up to 95% of modified AASHTO / Cilindrim tabani me rul dhe ngjeshja deri 95% te AASHTO te modifikuar	m2	56,208.00		
SUM 1 / SHUMA 1						
CATEGORY No 2: PAVEMENTS / KATEGORIA Nr 2: PUNIMET E SHTRESAVE						

1		Crushed stone (5-40mm), t=2x2x15cm, compacted to 98% of density according to Proctor modified AASHTO (with material borrowed from excavation in hard rock areas)/ Shtrese çakelli (5-40mm), t=2x2x15cm, ngjeshur deri 98% e dendesise sipas Proktor i modifikuar AASHTO (Me material te marre nga germimi i zonave shkembore)	m3	65,363.00		
2		Crushed Stone, 0-31.5 mm, t=20 mm, compacted to 98% of density according to Proctor modified AASHTO (with material borrowed from excavation in hard rock areas) / Stabilizant, 0-31.5mm, t=20cm, ngjeshur deri 98% e dendesise sipas Proktor i modifikuar AASHTO (Me material te marre nga germimi i zonave shkembore)	m3	19,314.00		
3		Conglomerat layer t=12cm (With inert material borrowed from excavation of rocky areas) / Shtrese konglomerati t=12cm (Me inerte te marre nga germimi i zonave shkembore)	m2	79,240.00		
4		Binder course, thickness 6 cm , (including tack coat) / Shtrese binder, trashesi 6 cm, (perfshi prajmer)	m2	79,240.00		
SUM 2 / SHUMA 2						
CATEGORY No 3: MINOR STRUCTURES / KATEGORIA Nr 3 : VEPRAT E VOGLA TE ARTIT						
a) Retaining and Bearing Walls / Muret mbajtes e prites						
1		Monolite Concrete Structures C 20/25 / Struktura monolite betoni C 20/25	m3	5,279.00		
2		Monolite Concrete Structures with crushed stone C 25/30 / Struktura monolite betoni me çakell C 25/30	m3	1,577.00		
3		Monolite concrete structures C 12/15 / Struktura monolite betoni C 12/15	m3	85.00		
4		S.I Steel reinforcement , Ç-5, Ø > 12mm / F V hekur betoni i zakonshem, Ç-5, Ø > 12mm	ton	99.00		
5		Levelling layer with excavated material / Shtrese niveluese nen mure me material te germuar ne trupin e rruges	m3	575.00		
6		Drainage layer with excavated material behind walls / Mbushje pas mureve me material filtrant nga germimi	m3	2,343.00		
7		Fill with clay behind walls / Mbushje me argjile pas mureve	m3	1,804.00		
8		Supply and install plastic pipe ø 150mm / Furnizim, vendosje tuba plastmasi ø 150	ml	3,165.00		
9		Supply and install plastic pipe ø 100mm / Furnizim, vendosje tuba plastmasi ø 100	ml	2,075.00		
10		Geotextile 180 g/m2 / Gjeotekstil me gramature 180 g/m2	m2	1,899.00		
11		S.I Gabions (Zn-5%Al) coated hexagonal double twisted wire mesh, (mesh 6x8-8x10), filled with stones from excavation from hard rock areas, (wire 2.7-3mm) / F.V Gabiona me rrjete teli (hekzagonal 6x8-8x10 te veshur me galfan(Zn-5%Al)) e gure te nxjerre nga germimi i zonave shkembore, (tel 2.7-3mm)	m3	20,341.00		
12		Monolite Concrete Structures with crushed stone C 25/30 (R/C wall at piles) / Struktura monolite betoni me çakell C 25/30 (muri B/A i pilotave)	m3	1,600.00		
13		Monolite Concrete Structures with crushed stone C 25/30 (piles concrete) / Struktura monolite betoni me çakell C25/30 (betoni i pilotave)	m3	2,716.00		
14		S.I Steel reinforcement , Ç-5, Ø > 12mm (R/C wall at piles) / F V hekur betoni i zakonshem, Ç-5, Ø > 12mm (muri B/A i pilotave)	ton	111.90		
15		S.I Steel reinforcement , Ç-5, Ø > 12mm / F V hekur betoni i zakonshem, Ç-5, Ø > 12mm (per pilota)	ton	307.30		
16		Drilling with need of casing Ø 1000mm, depth (0-10m) / Shpim me sonda me nevojen per kemishim gjat procesit te shpimit Ø 1000mm, thellesia (0-10m).	ml	2,646.00		

17		Drilling with need of casing Ø 800mm, depth (0-10m) / Shpim me sonda me nevojën për kemishim gjatë procesit të shpimit Ø 800mm, thellesia (0-10m).	ml	1,272.00		
18		Monoaxial Geogrid Rt=80kN/m / Gjeogrid monoaxial Rterheqje=80 kN/m	m2	35,047.00		
19		Monoaxial Geogrid Rt=110kN/m / Gjeogrid monoaxial Rterheqje=110 kN/m	m2	14,652.00		
20		Monoaxial Geogrid Rt=150kN/m / Gjeogrid monoaxial Rterheqje=150 kN/m	m2	96,588.00		
21		Monoaxial Geogrid Rt=300kN/m / Gjeogrid monoaxial Rterheqje=300 kN/m	m2	675,335.00		
22		Anti-erosion mat / Biomat anti erozion në mure me tokë të armuar	m2	5,097.00		
23		Planting with grass of reinforced soil wall facade and filling with vegetal soil t = 20cm / Mbjellje me bar në fasadë muri me tokë të armuar dhe mbushje me dhe vegjetal t = 20cm	m2	5,097.00		
24		Steel Mesh Formwork / F V hekur betoni i zakonshëm Ø 6 - 10mm, për mure me tokë të armuar	ton	65.10		
Sum a) / Shuma a)						
b) Culverts (box and pipe) / Tombino (katrore dhe të rrumbullakta)						
1		Excavation of soil with excavator on tires 1.0 m³, on channels width > 2 m, normal soil, category IV, unloading on vehicle / Germim dheu me ekskavator zingjir, 1.0 m³, në kanale gjerësi > 2 m, tokë zak, kategoria IV, me shk në mjet	m3	2,960.00		
2		Transport of material up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	2,960.00		
3		Gravel layer t=10 cm, material from excavation according to Technical Specifications / Nenshtrese t=10cm, material nga germimi, sipas Specifikimeve Teknike	m3	478.00		
4		Monolite concrete structures C 12/15 / Struktura monolite betoni C 12/15	m3	987.00		
5		Monolite Concrete Structures C 20/25 / Struktura monolite betoni C 20/25	m3	216.20		
6		Monolite Concrete Structures with crushed stone C 30/37 / Struktura monolite betoni me çakell C 30/37	m3	4,298.00		
7		S.I Steel reinforcement , Ç-5 / F V hekur betoni i zakonshëm, Ç-5	ton	817.00		
8		Filling with material borrowed from excavation in hard rock areas, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material të marrë nga germimi i zonave shkembore, përhapur e ngjeshur me makineri, sipas Specifikimeve Teknike	m3	3,390.00		
9		Waterproofing with 2 layers of bitumen / H/izolim me emulsion, 2 duar bitum	m2	3,525.00		
10		S.I Concrete pipes Ø 1000 / F.V tuba betoni Ø 1000	ml	354.00		
11		S.I Concrete pipes Ø 1500 / F.V tuba betoni Ø 1500	ml	122.00		
Sum b) / Shuma b)						
c) Drainage, kerbs, gutters, concrete chanel / Drenazhe, bordura, kuneta, kanal betoni						
1		Monolite Concrete Structures C 20/25 (for gutters) / Struktura monolite betoni C 20/25 (për kuneta)	m3	1,083.00		
2		S.I Concrete kerbs 15x30 cm, including concrete for fixing / F V bordura betoni 15x30 cm, përfshi betonin për fiksim	ml	4,725.00		
Sum c) / Shuma c)						
d) Underpass / Nenkallime						
1		Excavation of soil with excavator on tires 1.0 m³, on channels width > 2 m, normal soil, category IV, unloading on vehicle / Germim dheu me ekskavator zingjir, 1.0 m³, në kanale gjerësi > 2 m, tokë zak, kategoria IV, me shk në mjet	m3	510.00		
2		Transport of material up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	510.00		

3		Gravel layer t=10 cm, material from excavation according to Technical Specifications / Nenshtrese t=10cm, material nga germimi, sipas Specifikimeve Teknike	m3	43.00		
4		Monolite concrete structures C 12/15 / Struktura monolite betoni C 12/15	m3	43.00		
5		Monolite Concrete Structures with crushed stone C 30/37 / Struktura monolite betoni me çakell C 30/37	m3	1,258.00		
6		S.I Steel reinforcement , Ç-5, Ø > 12mm / F V hekur betoni i zakonshem, Ç-5, Ø > 12mm	ton	190.40		
7		Filling with excavated material in road bed, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material te germuar ne trupin e rruges, perhapur e ngjeshur me makineri, sipas Specifikimeve Teknike	m3	102.00		
8		Monolite concrete structures C 12/15 (for road and sidewalk leveling) / Struktura monolite betoni C 12/15 (beton i varfër për nivelimin e rruges dhe trotuarit)	m3	34.00		
9		Concrete tiles t=6cm for sidewalk (include 6cm concrete and fixing mortar) / Trotuar me pllaka betoni 6 cm (perfshi beton 6cm dhe llac per fiksime)	m2	58.00		
10		S.I Concrete kerbs 15x30 cm, including concrete for fixing / F V bordura betoni 15x30 cm, perfshi betonin per fiksime	ml	68.00		
11		Binder course, thickness 6 cm , (including tack coat) / Shtrese binder, trashesi 6 cm, (perfshi prajmer)	m2	238.00		
12		S.I D 150 Pipes for technological installations / F.V Tuba D 150 për instalime teknologjike	ml	136.00		
13		Metalic Handrail for structures (ø 60) + accessories / Parapet i njeanshem metalik per beton (ø 60) + aksesoret	ml	68.00		
14		Waterproofing with 2 layers of bitumen / H/Izolim me emulsion, 2 duar bitum	m2	2,448.00		

Sum d) / Shuma d)

SUM 3 / SHUMA 3

CATEGORY No 4: TRAFFIC SIGN WORKS / KATEGORIA Nr 4: PUNIME SINJALISTIKE

1		Side guardrail H2 with 3 waves on 1 side, W3 + accessories / Guardrail H2 anesore me 3 valez. ne 1 ane ,W3 + aksesoret	ml	4,586.00		
2		Road marking, longitudinal and side lines, width 15 cm. Acrylic paint (discontinued, yellow provisional) / Vijezim shirita gjatesor dhe anesor me gjeresi 15 cm. Akrelrike (I nderprere, Provizor i verdhe)	ml	3,553.00		
3		Road marking, longitudinal and side lines, width 25cm. Acrylic paint (yellow provisional) / Vijezim shirita gjatesor dhe anesor me gjeresi 25 cm. Akrelrike (Provizor i verdhe)	ml	17,281.00		
4		Acrylic Paint (yellow provisional) / Boje akrelrike (Provizor i verdhe)	m2	349.00		
5		Simple guardrail terminals / Fundore guardrail me 3 valez.	pcs/cope	2.00		
6		Big circular table with D = 90, CL2 / Tabele rrethore e madhe me D = 90, CL2	pcs/cope	14.00		
7		Big triangular table with A = 120, CL2 / Tabela trekendore e madhe me A = 120, CL2	pcs/cope	6.00		
8		Interurban direction signals HxL large 70x250 or 400, CL2 / Sinjalet e drejtimit interurban HxL e madhe 70x250 ose 400, CL2	pcs/cope	3.00		
9		Signals for highways, main interurban roads 500x400, CL2 / Sinjale per autostrada,rruge interurbane kryesore 500x400 , CL2	pcs/cope	2.00		
10		SI Signals for highways, main interurban roads , pole + sign 400x300 + sign 300x300, CL2 / FV Sinjale per autostrada,rruge interurbane kryesore, shtylle + tablele 400x300 + tablele 300x300, CL2	pcs/cope	3.00		
11		Signals for highways, main interurban road 450x400, CL2 / Sinjale per autostrada,rruge interurbane kryesore 450x400 , CL2	pcs/cope	2.00		

12		Rectangular table (AxB) normal 90x135 / Tabele drejtkëndore (tregimi)(AxB) normal 90x135	pcs/ cope	6.00		
13		Single Chevron 90x90, CL2 / Pervijues modulare te kthesave (teke) 90x90, CL2	pcs/ cope	72.00		
14		Narrow curve outliner (T-shaped) 90x360, CL2 / Pervijues kthese e ngushte ose e forte (ne forme T) 90x360, CL2	pcs/ cope	3.00		
15		Reflectors in New Jersey, every 30m / Reflektore ne New Jersey, cdo 30m	pcs/ cope	256.00		
16		Reflectors in walls, every 30m / Reflektore ne mure prites, cdo 30m	pcs/ cope	202.00		
17		Shock absorbers on the traffic island and in front of New Jersey, for a speed of 100 km/h / Amortizatore Goditje ne ishull dhe perpara new jersey, per shpejtesi 100 km/h	pcs/ cope	3.00		

SUM 4 / SHUMA 4

CATEGORY No 5: ADDITIONAL WORKS / KATEGORIA Nr 5: PUNIME SHITESE

1		Traffic divider (New Jersey) / F.V. trafikndares (New Jersey)	ml	7,680.00		
2		Filling with clay at New Jersey / Mbushje e trafikndaresit me argjile	m3	5,952.00		
3		Geotextile with a weight of 180 g/m2, in traffic dividers / Gjeotekstil me gramature 180 g/m2, ne trafikndares	m2	14,208.00		
4		Planting the traffic divider with grass and filling it with soil t = 20cm / Mbjellje me bar e trafikndaresit dhe mbushje me dhe vegjetal t = 20cm	m2	6,912.00		
5		Concrete layer C 12/15 under the traffic divider, t=18cm / Shtrese betoni C 12/15 nen trafikndares, t=18cm	m3	1,728.00		
6		S.I drainage pipes ø 150, in traffic dividers (every 1m in superelevated areas) / FV tuba kullimi ø 150, ne trafikndares (cdo 1m ne zonat me mbilartesisim)	ml	3,990.00		
7		Planting the slopes with grass and filling with vegetal soil t = 20cm / Mbjellje me bar e skarpatave dhe mbushje me dhe vegjetal t = 20cm	m2	22,596.00		
8		Concrete C20/25 for Drainage Gutter on slopes (every 25m) / Beton C20/25 per Ulluk kullimi ne skarpate (cdo 25m)	m3	200.00		
9		S.I Reinforced steel Ø 6 ~ 10mm for drainage gutters on slopes (every 25 m) / F V hekur betoni i zakonshem Ø 6 ~ 10mm per Ulluk kullimi ne skarpate (cdo 25m)	ton	18.00		
10		S.I PVC pipes for the passage of optical fibers d=100mm / F.V. tuba p.v.c. per kalimin e fibrave optike d=100mm	ml	11,520.00		
11		S.I Metal pipe D = 140mm for the passage of engineering networks / F.V.Tub metalik D = 140mm per kalimin e rrjeteve inxhinierike	ml	576.00		
12		Filling with sand for pipe protection / Mbushje me rere per mbrojtjen e tubave	m3	921.60		
13		S.I R/C Manholes 80x80x150 for the optical fiber channel / F.V. puseta b/a 80x80x150cm per kanalin e fibrave optike	pcs/ cope	86.00		
14		S.I Centrifuged poles R/C C25/30, for moving the existing T/U line (including the line) / FV Shtylla shtylla te centrifuguara B. A. C25/30, per spostim linja ekzistuese T/U (perfshire linjen)	pcs/ cope	12.00		

SUM 5 / SHUMA 5

CATEGORY No 6: DISPLACEMENT WORK FOR HIGH VOLTAGE LINE / KATEGORIA 6: PUNIME PER SPOSTIM LINJA T / L

1		Excavation of soil for poles pits / Germim dheu per gropa shtyllash	m3	45.00		
2		Soil Transport auto up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	45.00		
3		Filling with material borrowed from excavation in hard rock areas, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material te marre nga germimi i zonave shkembore, perhapur e ngjeshur me makineri, sipas Specifikimeve Teknike	m3	33.00		

4		Gravel layer under the foundation t=10 cm, material from excavation / Shtrese nen bazament t=10 cm, material nga germimi	m3	1.50		
5		Monolithic concrete structure C 20/25, poles foundations / Struktura monolite betoni C 20/25, bazamente shtylle	m3	12.00		
6		S.I Reinforced Steel, Ç- 5, Ø > 12mm / F V hekur betoni periodik, Ç- 5, Ø > 12mm	ton	0.487		
7		Metal pole for high voltage line, with welding, 35 - 110 kv, 1 circuit / Shtylla metalike per T / L, me saldime, 35 - 110 kv, 1 qark	ton	21.00		
8		Stretching and pulling 3 strands of wire (conductor) machine, al-steel, section 185 m/m ² / Shtrirje e terheqje 3 fije teli (percjellesa) makineri, al-celik, seksion 185 m/m ²	km	3.00		
9		Trosi traction stretch, 2 threads ç - 50 / Shtrirje terheqje Trosi, 2 fije ç - 50	km	3.00		
10		Electrical insulation works in lines, high voltage - 35 kv, in anchor poles, wire > 120mm ² / Punime izolimi elektrik ne linja, TL- 35 kv, ne shtylla ankerore, tel > 120mm ²	pole/ shtylla	9.00		
11		Disassembly of the existing high voltage electric poles, including the line / Ç'montim i shtyllave elektrike ekzistuese TL, perfishire linjen	pole/ shtylla	3.00		
SUM 6 / SHUMA 6						

Interchanges / Nyje						
CATEGORY No 1: EARTH WORKS AND DEMOLITION / KATEGORIA Nr 1: PUNIME DHERASH DHE PRISHJET						
1		Small tree cutting and land clearing / Prerje pemesh te vogla dhe pastrim tereni	m2	19,740.00		
2		Demolition of concrete structures + transport / Prishje struktura prej betoni + transport	m3	600.00		
3		Excavation of broken rock with an excavator 0.5 m ³ , rock, in foundations >2 m wide, with unloading in a vehicle / Germim shkemb i coptuar me ekskavator 0.5 m ³ , shkemb, ne themele gjeresi >2 m, me shkarkim ne mjet	m3	14,937.00		
4		Excavation of soil with excavator on tires 1 m ³ , on channels width > 2 m, normal soil, category IV, unloading on vehicle / Germim dheu me ekskavator zingjir, 1.0 m ³ , ne kanale gjeresi > 2 m, toke zak, kategoria IV, me shkarkim ne mjet	m3	59,750.00		
5		Soil Transport auto up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	35,575.00		
6		Filling with material borrowed from excavation in hard rock areas, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material te marre nga germimi i zonave shkembore, perhapur e ngjeshur me makineri, sipas Specifikimeve Teknikke	m3	30,444.00		
7		Roadbed compaction with road roller, compaction up to 95% of modified AASHTO / Cilindrim tabani me rul dhe ngjeshja deri 95% te AASHTO te modifikuar	m2	12,099.00		
SHUMA 1						
CATEGORY No 2: PAVEMENTS / KATEGORIA Nr 2: PUNIMET E SHTRESAVE						
1		Crushed stone (5-40mm), t=2x2x15cm, compacted to 98% of density according to Proctor modified AASHTO (with material borrowed from excavation in hard rock areas)/ Shtrese çakelli (5-40mm), t=2x2x15cm, ngjeshur deri 98% e dendesise sipas Proktor i modifikuar AASHTO (Me material te marre nga germimi i zonave shkembore)	m3	6,768.00		
2		Crushed Stone, 0-31.5 mm, t=20 mm, compacted to 98% of density according to Proctor modified AASHTO (with material borrowed from excavation in hard rock areas) / Stabilizant, 0-31.5mm, t=20cm, ngjeshur deri 98% e dendesise sipas Proktor i modifikuar AASHTO (Me material te marre nga germimi i zonave shkembore)	m3	1,674.00		

SHUMA 2						
CATEGORY No 3: MINOR STRUCTURES / KATEGORIA Nr 3 : VEPRAT E VOGLA TE ARTIT						
a) Retaining and Bearing Walls / Muret mbajtes e prites						
1		Monolite Concrete Structures C 20/25 / Struktura monolite betoni C 20/25	m3	1,408.00		
2		Levelling layer with excavated material / Shtrese niveluese nen mure me material te germuar ne trupin e rruges	m3	85.00		
3		Drainage layer with excavated material behind walls / Mbushje pas mureve me material filtrant nga germimi	m3	455.00		
4		Fill with clay behind walls / Mbushje me argjile pas mureve	m3	283.00		
5		Supply and install plastic pipe ø 150mm / Furnizim, vendosje tuba plastmasi ø 150	ml	439.00		
6		Supply and install plastic pipe ø 100mm / Furnizim, vendosje tuba plastmasi ø 100	ml	331.00		
7		Geotextile 180 g/m2 / Gjeotekstil me gramature 180 g/m2	m2	263.00		
8		Monoaxial Geogrid Rt=80kN/m / Gjeogrid monoaxial Rterheqje=80 kN/m	m2	7,587.00		
9		Monoaxial Geogrid Rt=110kN/m / Gjeogrid monoaxial Rterheqje=110 kN/m	m2	1,465.00		
10		Monoaxial Geogrid Rt=150kN/m / Gjeogrid monoaxial Rterheqje=150 kN/m	m2	9,881.00		
11		Anti-erosion mat / Biomat anti erozion ne mure me toke te armuar	m2	1,060.50		
12		Hydroseeding / Mbjellje bari ne skarpat, ne mure me toke te armuar	m2	1,060.50		
13		Steel Mesh Formwork / F V hekur betoni i zakonshem Ø 6 ~ 10mm, per mure me toke te armuar	ton	12.70		
Sum a) / Shuma a)						
b) Culverts (box and pipe) / Tombino (katrore dhe te rumbullakta)						
1		Excavation of soil with excavator on tires 1.0 m³, on channels width > 2 m, normal soil, category IV, unloading on vehicle / Germim dheu me ekskavator zingjir, 1.0 m³, ne kanale gjeresi > 2 m, toke zak, kategoria IV, me shk ne mjet	m3	750.00		
2		Transport of material up to 1.0 km / Transport dheu me auto deri 1.0 km	m3	750.00		
3		Monolite concrete structures C 12/15 / Struktura monolite betoni C 12/15	m3	268.00		
4		Monolite Concrete Structures with crushed stone C 30/37 / Struktura monolite betoni me çakell C 30/37	m3	56.40		
5		S.I Steel reinforcement , Ç-5 / F V hekur betoni i zakonshem, Ç-5	ton	3.60		
6		Filling with material borrowed from excavation in hard rock areas, spread and compacted by machinery, according to the Technical Specifications / Mbushje me material te marre nga germimi i zonave shkembore, perhapur e ngjeshur me makineri, sipas Specifikimeve Teknikke	m3	1,360.00		
7		S.I Concrete pipes Ø 800 / F.V tuba betoni Ø 800	ml	11.00		
8		S.I Concrete pipes Ø 1000 / F.V tuba betoni Ø 1000	ml	193.00	10,150.00	
Sum b) / Shuma b)						
SUM 3 / SHUMA 3						
CATEGORY No 4: TRAFFIC SIGN WORKS / KATEGORIA Nr 4: PUNIME SINJALISTIKE						
1		Side guardrail H2 with 3 waves on 1 side, W3 + accessories / Guardrail H2 anesor me 3 valez. ne 1 ane ,W3 + aksesoret	ml	806.00		
2		Road marking, longitudinal and side lines, width 15 cm. Acrylic paint (yellow provisional) / Vijezi shirita gjatesor dhe anesor me gjeresi 15 cm. Akrelrike (Provizor i verdhe)	ml	2,094.00		
3		Road marking, longitudinal and side lines, width 12 cm. Acrylic paint (discontinued, yellow provisional) / Vijezi shirita gjatesor dhe anesor me gjeresi 12 cm, Akrelrike (I nderprere, Provizor i verdhe)	ml	990.00		
4		Simple guardrail terminals / Fundore guardrail me 3 valez.	pcs/cope	6.00		

5		Normal circular table with D = 60, CL2 / Tabele rrethore normal me D = 60, CL2	pcs/ cope	19.00		
6		Normal triangular table with A = 90, CL2 / Tabela trekendore normal me A = 90, CL2	pcs/ cope	10.00		
7		Interurban direction signals HxL normal 40x150, CL2 / Sinjalet e drejtimit interurban HxL normal 40x150, CL2	pcs/ cope	9.00		
8		Black and white panels for underpasses 300x50, CL2 / Panele bardhe e zi tek nenkalimet 300x50, CL2	pcs/ cope	6.00		
9		Narrow curve outliner (T-shaped) 90x360, CL2 / Pervijues kthese e ngushte ose e forte (ne forme T) 90x360, CL2	pcs/ cope	6.00		
10		Single Chevron 60x60, CL2 / Pervijues modulare te kthesave (teke) 60x60, CL2	pcs/ cope	8.00		
11		Normal side delination / Pervijues normal anesor	pcs/ cope	9.00		
12		Reflectors in walls, every 9m / Reflektore ne mure prites, cdo 9m	pcs/ cope	100.00		

SUM 4 / SHUMA 4

CATEGORY No 5: ADDITIONAL WORKS / KATEGORIA Nr 5: PUNIME SHITESA

1		Concrete C20/25 for Drainage Gutter on slopes (every 25m) / Beton C20/25 per Ulluk kullimi ne skarpate (cdo 25m)	m3	20.00		
2		S.I Reinforced steel Ø 6 ~ 10mm for drainage gutters on slopes (every 25 m) / F V hekur betoni i zakonshem Ø 6 ~ 10mm per Ulluk kullimi ne skarpate (cdo 25m)	ton	2.00		
3		Planting the slopes with grass and filling with vegetal soil t = 20cm / Mbjellje me bar e skarpatave dhe mbushje me dhe vegjetal t = 20cm	m2	3,240.00		
4		Concrete C20/25 for Drainage channel on berms / Beton C20/25 per kanal kullimi ne berma	m3	12.00		
5		S.I Reinforced steel Ø 6 ~ 10mm for drainage channel on berms / F V hekur betoni i zakonshem Ø 6 ~ 10mm per kanal kullimi ne berma	ton	1.00		
6		S.I PVC pipes for the passage of optical fibers d=100mm / F.V. tuba p.v.c. per kalimin e fibrave optike d=100mm	ml	3,720.00		
7		S.I Metal pipe D = 140mm for the passage of engineering networks / F.V.Tub metalik D = 140mm per kalimin e rrjeteve inxhinierike	ml	186.00		
8		Filling with sand for pipe protection / Mbushje me rere per mbrojtjen e tubave	m3	297.60		
9		S.I R/C Manholes 80x80x150 for the optical fiber channel / F.V. puseta b/a 80x80x150cm per kanalin e fibrave optike	pcs/ cope	28.00		
10		Concrete tiles t=6cm for truck apron (include 6cm concrete and fixing mortar) / Pllaka betoni 6 cm ne ishull rrethrotullimi (perfshi beton 6cm dhe llac per fiksim)	m2	128.00		
11		Concrete C20/25 for truck apron / Beton C20/25 ne ishull rrethrotullimi	m3	25.60		
12		S.I Reinforced steel Ø 6 ~ 10mm for truck apron / F V hekur betoni i zakonshem Ø 6 ~ 10mm ne ishull rrethrotullimi	ton	3.20		
13		Crushed stone (5-40mm), t=2x2x15cm, compacted to 98% of density according to Proctor modified AASHTO (with material borrowed from excavation in hard rock areas)/ Shtrese çakelli (5-40mm), t=2x2x15cm, ngjeshur deri 98% e dendesise sipas Proktor i modifikuar AASHTO (Me material te marre nga germimi i zonave shkembore)	m3	106.00		
14		Planting roundabout central island with grass and filling with vegetal soil t = 20cm / Mbjellje me bar e ishullit te rrethrotullimit dhe mbushje me dhe vegjetal t = 20cm	m2	166.00		
15		Fill with clay of roundabout central island / Mbushje me argjile e ishullit te rrethrotullimit	m3	83.00		
16		Planting roundabout central island with grass and filling with vegetal soil t = 20cm / Mbjellje me bar e ishullit te rrethrotullimit dhe mbushje me dhe vegjetal t = 20cm	m2	186.00		

17	S.I Centrifuged poles R/C C25/30, for moving the existing T/U line (including the line) / FV Shtylla shtylla te centrifuguara B. A. C25/30, per spostim linja ekzistuese T/U (perfshire linjen)	pcs/ cope	4.00		
SUM 5 / SHUMA 5					