

PREVENTIV/ Bill of Quantities

Objekti/Object: UjesjellsI I Lugines se Klosit. /Construction of water supply Lugina e Klosit.

No	AN/AN	Pershkrimi I punimeve/Item description	Unit/ Njesia	Quantity / Sasia	Rate/ Cmimi (Leke)	Sum / Shuma (Leke)
A. Punime ne rrjetin Shperndares lugina e Klosit						
1	3.87/a	Germim dheu me ekskavator goma, 0.25 m ³ . <i>Excavation with machinery with tires, 0.25 m³.</i>	m3	1200		
2	3.17/a	Germime dheu ne seksion te lire me krahe,ne toke te bute,kateg.I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	4200		
3	2.47/an	Germim shkembI mesatar me çekiç me ekskavator me zinxhir . <i>Excavation medium rock with machinery.</i>	m3	150		
4	An-9	Mbushje me zhavorr . <i>Filling with gravel</i>	m3	1951		
5	An.164/1a	Mbushje me material te germuar ne trupin e rruges, perhapur e ngjeshur me makineri. <i>Filling with excavation material in the road, spread and compressed with machinery</i>	m3	2750		
6	3.197/1	Prishje shtrese çekelli t = 15 cm, me makineri, <i>Breaking up chippings layer , t=15cm, with machinery.</i>	m2	2855		
7	3.An	Skarifikim shtrese asfalti me makineri. <i>Excavation asphalt layer with machinery.</i>	m2	6082		
8	3.208	Shtrese cakulli 15 cm. <i>Chippings layer, t=15cm.</i>	m2	5500		
9	3.213	Asfaltim me penetrim 8cm, me 2 shtresa, me makineri. <i>Asphalt with penetration with 2 layer, wiyh machinery.</i>	m2	6082		
10	HMK 3	Shtrese kalldrami 16 cm mbi shtresë rëre. <i>Pavement layer 16cm, up layer sand</i>	m2	2500		
11	2.491/d	F.V Tuba e rakorderi ujesjellesi /Supply and install water system fittings PE d=40mm, t = 3.0 mm, PN 10	ml	2185		
12	2.491/e	F.V Tuba e rakorderi ujesjellesi/Supply and install water system fittings. PE d=50mm, t = 3.7 mm, PN 10	ml	360		
13	2.491/f	F.V Tuba e rakorderi ujesjellesi /Supply and install water system fittingsPE d=63mm, t = 4.7 mm, PN 10	ml	295		
14	2.491/g	F.V Tuba e rakorderi ujesjellesi /Supply and install water system fittings PE d=90mm, t = 6.7 mm, PN 10	ml	905		
16	2.491/i	F.V Tuba e rakorderi ujesjellesi/ Supply and install water system fittings. PE d=125mm, t = 8.6 mm, PN 10	ml	701		
		F.V Tuba e rakorderi ujesjellesi/ Supply and install water system fittings. PE d=140mm, t = 10.5 mm, PN 10	ml	1790		
17	HMK 2.491/1K	Ajrues/Air Valve	cope	2		
18	HMK 2.491/1j	Puseta shkarkimi/washout chamber	cope	2		
		Puseta komandimi+saracineska 2"	cope	76		
Shuma A/Sum A						

B.Ndertim Depo uji 200m3, I.Klosit**B 1. Punime civile Ndertim Depo uji 200m3, I.Klosit**

	3.2	Prerje bime te vogla Ø-10cm	m2	85.0		
1	3.17/a	Germime dheu ne seksion te lire me krahe,ne toke te bute,kateg.I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	250		
2	2.197	Hidroizolim me emulsion bitumi dhe 2 shtrese k katrama/Water isolation in construction joint after concreting, with bitum and katrama layer.	m2	50		
3	3.837/a	Rrethim sheshi me rrjete teli.Hoarding place with lattice wire.	m2	400		
4	2.167	F V hekur betoni periodik Ø > 10 mm.Supply and install the periodic reinforcement bars.Ø > 10 mm	ton	15		
5	3.248	Struktura monolite betoni me çakell C 30/37. Monolithic concrete structure with chippings C 30/37.	m3	550		
6	2.308/a	Suvatim me grafiato h > 4 m. Stucco-work with graphiatio h>4m.	m2	120		
7	2.374	F.v dere e jashteme rrethimi dyshe 1.8x2 . Supply and install outside gate, duple1.8x2.	m2	3.6		
8	2.390/1	F.V dyer metalike me llamarine te zeze 27.75 kg/m2. Supply and install metalic gate with black metalic sheets 27.75 kg/m2.	m2	4		
	2.239/a	Shtrese termoizoluese me polisterol t=10 cm	m2	45		
	4.40	Shkalle metalike me hekur Ø dhe profile	ton	0.5		

Shuma B1/Sum B1

B 2. Ndertim Depo uji 200m3 pjeset hidro-mekanike 200m3 Lugina Klosit

	2.518	F.V. pjese speciale celiku φ>200 te h/izoluar ne fabrike, per ujesjellsa te jashtem	ton	0.2		
	4.10	F.V Konstruksione metalike te perbera	ton	0.15		
	2.494/6	F.V saracineska bronzi Ø =160 mm.	cope	9		
		Galexhant komplet mekanik DN160	cope	2		
		Kosh thithje pa valvol DN 250	cope	2		
		Kontator uji dn225-25 bar	cope	1		

Shuma B2/Sum B2

Shuma B/Sum B (B1+B2)**C. Dhome klorinimimi Lugina e Klosit**

1	3.17/a	Germime dheu ne seksion te lire me krahe,ne toke te bute,kateg.I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	9		
2	2.54/1	Mur guri ne lartesi deri 3m me llaç perzier M 15	m3	10		
3	3.238	Struktura monolite betoni C 6/10 per brez ne mure	m3	1.6		
4	2.64/1	Mur me tulle plota ne lartesi deri 3m me llaç perzier M 15, t=25 cm	m3	16		

5	2.64/2	Mur me tulle plota ne lartesi deri 3m me llaç perzier M 16 , t=12.5cm	m3	0.5		
6	3.244	Struktura monolite betoni C 20/25	m3	0.8		
7	3.238	Struktura monolite betoni C 6/10 per brez poshte soletes	m3	0.8		
8	2.157	Soleta b/a te parapergatitura me tulla me 6 vrima, h = 16 cm, C 16/20	m2	8		
9	3.248	Struktura monolite betoni me çakell C 30/37. Arkitraret	m3	0.4		
10	3.288	F V hekur betoni i zakonshem $\varnothing > 12\text{mm}$	m3	0.37		
11	2.258	Nenshtrese zhavori	m3	4.5		
12	2.262	Shtrese betoni C 6/10	m3	1.5		
13	2.2	Shtrese lluster cemento 1:2, t = 20 mm, dysHEME	m2	8		
14	2.2	Shtrese lluster cemento 1:2, t = 20 mm, Tarrace	m3	9.5		
15	2.197	Hidroizolim me emulsion bitumi dhe 2 shtrese k katrama/Water isolation in construction joint after concreting, with bitum and katrama layer.	m2	25		
16	2.34	Suva xokoli me granil e çimento te bardhe	m2	26		
	2.308/a	Suvatim me grafiato h > 4 m	m2	78		
	2.331	Suva e zakonshme nga brenda	m2	65		
	2.237/a	Lyrje nga brenda Lyrje betoni me hyperdesimo	m2	78		
	2.237/a	Lyrje nga brenda Lyrje betoni me hyperdesimo	m2	65		
	3.375	Dritare d/alumini tek xham.	m2	2.88		
	2.395/a	Dere d/alumini pa xham, me mbushje d/a.	m2	5.4		
	2.491/1e	F.V Tuba e rakorderi ujesjellesi PE d=50mm, t = 5.6 mm, PN 20	ml	70		
	2.494/5	F.V saracineska bronzi $\varnothing 2'' = 50\text{mm}$	nr	1		
	4.40	Shkalle metalike me hekur \varnothing dhe profile	ton	0.1		
	meg	F.V tub fleksibel 16 mm	ml	32		
	meg	F.V tub fleksibel 20 mm	ml	40		
	2.481/1	F.V percjelles PV-500 $\varnothing 1.5\text{mm}^2$	ml	34		
	2.481/2	F.V percjelles PV-500 $\varnothing 2.5\text{mm}^2$	ml	24		
	2.481/4	F.V percjelles PV-500 $\varnothing 6\text{mm}^2$	ml	30		
	2.483	F.V Çelesa e priza 10 A	cope	8		
	2.486	F.V Portollampa normale 10 A	cope	3		
		F.V Portollampa sinjalizuese 220v	cope	2		
		F.V Prozhektor	cope	3		
	2.a-73	Elektroda tokezimi, profil zingato e bakerizuar , L=1.5m	cope	4		
		F.V Pompe dozimi klorit, kapaciteti 70 l/s, e kompletuar me aksesore	cope	1		
		Instalim I sitemit SCADA per monitorim	cope	1		
		Instalim I sitemit SCADA per monitorim				

Shuma C/Sum C

D. Ri-Ndertim kaptazhi Lugina e Klosit

1	3.17/a	Germime dheu ne seksion te lire me krahe, ne toke te bute, kateg. I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	25		
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2	2.197	Hidroizolim me emulsion bitumi dhe 2 shtrese k katrama/Water isolation in construction joint after concreting, with bitum and katrama layer.	m2	10		
3	3.837/a	Rrethim sheshi me rrjete teli.Hoarding place with lattice wire.	m2	100		
4	2.167	F V hekur betoni periodik $\varnothing > 10$ mm.Supply and install the periodic reinforcement bars. $\varnothing > 10$ mm	ton	0.3		
5	3.248	Struktura monolite betoni me çakell C 30/37. Monolithic concrete structure with chippings C 30/37.	m3	13		
	3.183/a	Shtrese zhavor lumi t=10cm	m2	40		
		Mbushje me zhavorr . Filling with gravel	m3	22		
6	2.308/a	Suvatim me grafiato h > 4 m. Stucco-work with graphiatio h>4m.		10		
7	2.374	F.v dere e jashteme rrethimi dyshe 1.8x2 . Supply and install outside gate, duple1.8x2.	m2	3.6		
8	2.a62/1	F.V. pjese speciale celiku $\varphi > 200$ te h/izoluar ne fabrike, per ujesjellsa te jashtem. Supply and install special steel parts $\varphi > 200$ for outside network water system	ton	0.2		
9	4.30	F.V. zgare hekuri $\varphi = 250$ mm.Konstruksione metalike te	ton	0.04		
10	4.30	F.V. kosh thithes.Konstruksione metalike te thjeshta	ton	0.025		
	4.40	Shkalle metalike me hekur \varnothing dhe profile	ton	0.3		
Shuma D/Sum D						

D. Linja e jashteme nga kaptazhi deri te ajrusi 1, Lugina e Klosit						
1	2.491/j	F.V Tuba e rakorderi ujesjellesi/Supply and install water system fittings. PE d=160mm, t = 11.8 mm, PN 10	ml	2390		
2	3.17/a	Germime dheu ne seksion te lire me krahe,ne toke te bute,kateg.I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	2868		
3	An.164/1a	Mbushje me material te germuar ne trupin e rruges, perhapur e ngjeshur me makineri. Filling with excavation material in the road, spread and compressed with machinery	m3	717		
4	an.9	Mbushje me zhavorr . Filling with gravel	m3	430.2		
5	HMK 2.491/1K	Ajrues/Air Valve	cope	2		
6	HMK 2.491/1j	Puseta shkarkimi/washout chamber	cope	3		
Shuma D/Sum D						
E.Ankerat e linjes se ujesjellsit 7 cope						
	3.25/a	Germim dheu per bazamentin	m3	2.00		
	3.243	Beton C16/20 per bllokun e ankorimit	m3	2.00		
	3.287	F V hekur betoni i zakonshem Ø 6 ~ 10mm	ton	0.03		
	4.3	Konstruksione te thjeshta per kapjen e tubit	kg	8.00		
		Vlera per 1 anker				
SHUMA E (7 cope-ankera)						
F. Ndertim kaptazhi per bashkine Klos						
1	3.17/a	Germime dheu ne seksion te lire me krahe,ne toke te bute,kateg.I-II, trans.k d deri 10 m, <i>Excavation with hand not obligatory section width , in a friable earth, category I-II, transport up 10m .</i>	m3	5		
2	2.197	Hidroizolim me emulsion bitumi dhe 2 shtrese k katrama/Water isolation in construction joint after concreting, with bitum and katrama layer.	m2	4		
3	2.167	F V hekur betoni periodik Ø > 10 mm.Supply and install the periodic reinforcement bars.Ø > 10 mm	ton	0.8		
4	3.248	Struktura monolite betoni me çakell C 30/37. Monolithic concrete structure with chippings C 30/37.	m3	8		
5	2.308/a	Suvatim me grafiato h > 4 m. Stucco-work with graphiato h>4m.	m3	4		
6	2.374	F.v dere e jashteme rrethimi dyshe 1.8x2 . Supply and install outside gate, duple1.8x2.	m2	3.6		
7	2.a62/1	F.V. pjese speciale celiku φ>200 te h/izoluar ne fabrike, per ujesjellsa te jashtem. Supply and install special steel parts	ton	0.4		
8	3.837/a	Rrethim sheshi me rrjete teli.Hoarding place with lattice wire.	m2	50		
Shuma F/Sum F						
G. Punime ne linjat e dergimit nga kaptazhi I ri ne linjen kaptazhin						
1	3.An	Germim shkambi me krahe	m2	600		

2	3.208	Shtrese cakulli 15 cm. <i>Chippings layer, t=15cm.</i>	m2	500		
3	3.213	Asfaltim me penetrim 8cm, me 2 shtresa, me makineri.	m2	600		
4	AN	Shtrese kalldrami 16 cm mbi shtresë rëre. <i>Pavement layer</i>	m2	500		
5	2.491/h	F.V Tuba e rakorderi ujesjellesi PE d=110mm, PN 16	ml	1200		
	HMK 2.491/1K	Ajrues/Air Valve	cope	2		
Shuma G/Sum G						
H.Lidhjet familjare me rrjetin e brendshem.Matesit e ujit.						
	An	Lidhje te banesave ne kaseta individuale metalike te instaluar ne mur dhe Mates Uji (1WM), Qn = 1.5m3 / h me aksesoret	Cope	3100		
	An	Lidhje te apartamenteve ne kaseta individuale metalike te instaluar ne mur dhe Mates Uji (1WM), Qn = 1.5m3 / h me aksesoret te furnizuara nga kolona e perbashket	Cope	400		
Shuma H/Sum H						
I.Hidrantet e mbrojtjes kundra zjarrit						
	An	Hidrant mbitokesor zjarrfikes 3"X2-1/2"X2-1/2"	Cope	7		
Shuma I/Sum I						
Shuma /Sum (A-H)						
Fond rezerve /bankroll 5%						
Shuma pa TVSH/SUM not including VAT						
Tvsh /VAT 20%						
Totali/TOTAL						