

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal

(Approved Rates for Fiscal Year 2079/2080)

District rate of Local materials and Labour for fiscal year 079/080

A. Labour

1.0	Skilled labour	Rs.	day		1050.00
2.0	Semi Skilled	Rs.	day		
3.0	Unskilled labour	Rs.	day		790.00
4.0	Plumber	Rs.	day		1050.00
5.0	Plumber Helper	Rs.	day		790.00
6.0	Driller	Rs.	day		1050.00
7.0	Blaster	Rs.	day		1050.00
8.0	Blaster Helper	Rs.	day		790.00
9.0	Chain man/survey helper	Rs.	day		790.00
10.0	Pale/Chaukidar	Rs.	day		600.00
11.0	Field Supervisor	Rs.	day		790.00
12.0	Construction Supervisor	Rs.	day	Kharidar	
13.0	Dozzer/Excavator Operator	Rs.	day		1060.00
14.0	Dozzer/Excavator helper	Rs.	day		790.00
15.0	Dozzer	Rs.	hr	(Excluding VAT &	
16.0	Hydraulic Excavator	Rs.	hr	Including Fuel,	
17.0	Hydraulic Breaker	Rs.	hr	Operator etc.)	
18.0	Backhoe	Rs.	hr		
19.0	Truck Tripper	Rs.	hr	(Excluding VAT,	
20.0	Tractor	Rs.	hr	including Fuel,Driver	
21.0	Hydrolic Tractor	Rs.	hr	etc.)	
22.0	Four wheel jeep	Rs.	day		

B. Wood

1.0	Sal wood	Rs.	cft	(Dang)	5400.00
2.0	Sal wood	Rs.	cft	Rukum	800.00
3.0	Salla wood	Rs.	cft		200.00
4.0	Okhar, chanp	Rs.	cft		500.00
5.0	Sandan	Rs.	cft		500.00
6.0	Uttis	Rs.	cft		100.00
7.0	Tuni, Jamun	Rs.	cft		300.00

C. Local Materials

1.0	Bamboo	Rs.	pc		290.00
2.0	Khar/Babio	Rs.	bndl	15cm dia	7.00
3.0	Flage Stone (thickness - 2.5cm to 5cm)	Rs.	m2	w/o TP	280.00
4.0	Roofing Slate	Rs.	m2		290.00
5.0	Chirpat wood	Rs.	bhari		260.00
6.0	Gobar	Rs.	kg		
7.0	Bhus	Rs.	kg		4.00
8.0	Local Rope	Rs.	kg		75.00
9.0	Clay	Rs.	m3	w/o TP	80.00
10.0	Brick simple	Rs.	pc		
11.0	Brick Good	Rs.	pc		
12.0	1:3:6 Concrete block (9" * 6 " * 6")	Rs.	pc		45.00

13.0	Doko (Bans)	Rs.	pc		440.00
14.0	Doko (Nigalo)	Rs.	pc		550.00
15.0	Chatai (Bans)	Rs.	m2		385.00
16.0	Chatai (Nigalo)	Rs.	m2		580.00
17.0	Namlo with dori	Rs.	pc		325.00
18.0	Stone	Rs.	m3	w/o TP	1200.00
20.0	Sand	Rs.	m3	w/o TP	1700.00
21.0	Aggregate	Rs.	m3		
				Quary	2100.00
				Manual	2400.00
22.0	Interlocking Brick 12" 6" 4"	Rs.	pc		70.00
23.0	Interlocking Brick 6" 6" 4"	Rs.	pc		40.00
24.0	Disel	Rs.	ltr		
25.0	Royalty of Stone,Aggregate & Sand		m3		105.84

D. TRANSPORTATION OF MATERIALS:

Transportation

1.0	Easy load/kg/kosh	Rs.			2.35
2.0	Difficult load /kg/kosh	Rs.		Factor	
			Porter	Vehicle	
A	Wire Rope upto 13mm dia	Rs.	3	3	
B	Wire Rope above 13mm dia	Rs.	4	4	
C	HDP Pipes				
	16,20 and 25 mm dia.	Rs.	2.75	2.75	
	32,40 and 50 mm dia.	Rs.	3.75	3.75	
	63,75,90 mm and above	Rs.	3.25	2.50	
D	G.I. pipes	Rs.	2.25	2	
E	Generator/Transformer	Rs.	4	4	
F	Structural/Reinforcement steel,Gabion wire etc.	Rs.	2	2	
G	Electric pole,C.I. pipes,Collapsible/Rolling shutter,C.G.I. sheet,Barbed wire etc.	Rs.	2	2	
H	Computer,Photocopy machine,Printers etc.	Rs.	2.5	2.5	
I	Fittings,Nails,Kabja,Paint etc.	Rs.	1.25	1.25	
J	Seed bin	Rs.	3	3	
K	Glass ware etc.	Rs.	2.50	2.50	
L	Medicine, Insecticide etc.	Rs.	2.50	2.50	
M	Oil, Ghee pack	Rs.	1.25	1.25	
N	Transportation				

F. Load and Unload of materials

Materials	Per	Rate Rs.
Cement	bag	18.00
Iron Bar / GI fittings	Qntl.	45.00
GI wire	Coil	30.00
C.G.I. sheet	bndl.	55.00
Gabion Crete	pc.	12.00
Medicine bottle etc. (Breakable)	Qntl.	65.00
HDP Pipes	coil	20.00
HDP Pipes for piece	pc.	5.00
Electric /Bridge parts	Qntl.	65.00
Other	Qntl.	22.00
Barbed wire	Qntl.	40.00

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Materials Collection (GoN Norms)
 (Fiscal Year : 2079/2080)

S.N.	Nr.no.	Particulars	Labour				Unskilled	790.00	Remarks
			Unit	Type	mds.	Rate	Amount		
			3	4	5	6	7	8	
1	3.0	Local Material collection work							
	3.01	Collection,stacking etc. of Sand all complte with 10 m transportation							
		Ka. Capacity of Quarry < 30%	m3	Unskl.	4.540	790.00	3586.60		
		Kha. Capacity of Quarry 31 to 50%	m3	Unskl.	3.450	790.00	2725.50		
		Ga. Capacity of Quarry 51 to 65%	m3	Unskl.	2.500	790.00	1975.00		
		Gha. Capacity of Quarry > 65%	m3	Unskl.	1.430	790.00	1129.70		
		Na. In hilly region with excavating	m3	Unskl.	1.490	790.00	1177.10		
	3.02	Collection,,stacking etc. of Gravel all complte with 10 m transportation							
		Ka. 5 mm to 70 mm	m3	Unskl.	2.500	790.00	1975.00		
		Kha. 5 mm to 40 mm	m3	Unskl.	4.000	790.00	3160.00		
		Ga. 5 mm to 20 mm	m3	Unskl.	5.880	790.00	4645.20		
		Gha. 5 mm to 80 mm	m3	Unskl.	10.000	790.00	7900.00		
	3.03	Collection,stacking etc. of Stone Gravel all complte with 10 m transportation							
		Ka. 40 mm to 70 mm	m3	Unskl.	5.000	790.00	3950.00		
		Kha. 70 mm to 100 mm	m3	Unskl.	4.000	790.00	3160.00		
	3.04	Collection,stacking etc. of necessary size of rubble Stone all complte with 10 m transportation	m3	Unskl.	1.400	790.00	1106.00		
	3.05	Breaking,Collection,stacking etc. of Stone all complte with 10 m transportation							
		Ka. 70 mm to 100 mm	m3	Unskl.	7.000	790.00	5530.00		
		Kha. 40 mm to 70 mm	m3	Unskl.	9.000	790.00	7110.00		
		Ga. 20 mm to 40 mm	m3	Unskl.	15.000	790.00	11850.00		
		Gha. 10 mm to 20 mm	m3	Unskl.	21.500	790.00	16985.00		
		Na. 5 mm to 10 mm	m3	Unskl.	29.000	790.00	22910.00		
	3.07	Preparing Block Stone from boulder (one side dressed) including transportation upto 10m & Stacking	m3	Unskl.	9.630	790.00	7607.70		
	3.08	Hammer dressed Block stone from Patre rock including transportation upto 10m & stacking	m3	Unskl.	5.880	790.00	4645.20		
	3.09	Preparing Block Stone from boulder with chisel including transportation upto 10m & Stacking							
		Ka. Three side rough, One side smooth	m3	Unskl.	20.000	790.00	15800.00		
		Kha. Square Block from boulder with chisel five side rough, One side smooth	m3	Unskl.	34.480	790.00	27239.20		
	3.11	Preparing Rubble (necessary size) with chisel including transportation upto 10 m & Stacking	m3	Unskl.	5.500	790.00	4345.00		
	3.12	Washing and Cleaning work							
		Ka. Sand	m3	Unskl.	2.000	790.00	1580.00		
		Kha. Breaking stone	m3	Unskl.	1.750	790.00	1382.50		
		Ga. Rubble Stone	m3	Unskl.	0.500	790.00	395.00		
		Gha. Gravel	m3	Unskl.	1.750	790.00	1382.50		

		Remaining 5 km		Unskld	1.50	790.00	1185.00	Disel	ltr.	11.40	183.99	2097.49	Tractor	Hr.	2.85	544.11	1550.71	4833.20	
		Total	10 m3																1172.66
		For 15 km																	
		First 5 km																	
		Remaining 10 km		Unskld	3.00	790.00	2370.00	Disel	ltr.	22.80	183.99	4194.97	Tractor	Hr.	5.70	544.11	3101.43	9666.40	
		Total	10 m3																1655.98
		For 25 km																	
		First 5 km																	
		Remaining 20 km		Unskld	6.00	790.00	4740.00	Disel	ltr.	45.60	183.99	8389.94	Tractor	Hr.	11.40	544.11	6202.85	19332.80	
		Total	10 m3																2622.62
4.00	55.05	Rubble stone or boulders or other similar material of regular shape																	
		First One km	10 m3	Unskld	1.66	790.00	1311.40	Disel	ltr.	2.67	183.99	491.25	Tractor	Hr.	3.17	544.11	1724.83	3527.48	352.75
		First Two km	10 m3	Unskld	2.01	790.00	1587.90	Disel	ltr.	5.33	183.99	980.67	Tractor	Hr.	3.83	544.11	2083.94	4652.51	465.25
		First Three km	10 m3	Unskld	2.36	790.00	1864.40	Disel	ltr.	8.00	183.99	1471.92	Tractor	Hr.	4.50	544.11	2448.50	5784.82	578.48
		First Four km	10 m3	Unskld	2.72	790.00	2148.80	Disel	ltr.	10.66	183.99	1961.33	Tractor	Hr.	5.16	544.11	2807.61	6917.74	691.77
		First Flve km	10 m3	Unskld	3.07	790.00	2425.30	Disel	ltr.	13.33	183.99	2452.59	Tractor	Hr.	5.83	544.11	3172.16	8050.05	805.01
		Beyond 5 km per km	10 m3	Unskld	0.35	790.00	276.50	Disel	ltr.	2.66	183.99	489.41	Tractor	Hr.	0.66	544.11	359.11	1125.03	112.50
5.00	57.06	Bricks or other similar materials																	
		First One km	1000 nos.	Unskld	0.22	790.00	173.80	Disel	ltr.	0.33	183.99	60.72	Tractor	Hr.	0.40	544.11	217.64	452.16	0.45
		First Two km	1000 nos.	Unskld	0.23	790.00	181.70	Disel	ltr.	0.67	183.99	123.27	Tractor	Hr.	0.44	544.11	239.41	544.38	0.54
		First Three km	1000 nos.	Unskld	0.25	790.00	197.50	Disel	ltr.	1.00	183.99	183.99	Tractor	Hr.	0.47	544.11	255.73	637.22	0.64
		First Four km	1000 nos.	Unskld	0.27	790.00	213.30	Disel	ltr.	1.34	183.99	246.55	Tractor	Hr.	0.51	544.11	277.50	737.34	0.74
		First Flve km	1000 nos.	Unskld	0.29	790.00	229.10	Disel	ltr.	1.67	183.99	307.26	Tractor	Hr.	0.54	544.11	293.82	830.18	0.83
		Beyond 5 km per km	1000 nos.	Unskld	0.01	790.00	7.90	Disel	ltr.	0.33	183.99	60.72	Tractor	Hr.	0.03	544.11	16.32	84.94	0.08
		For 151 km (Tulsipur to Banphikot)																	
		First Flve km																	830.18
		Remaining 146 km	1000 nos.	Unskld	1.46	790.00	1153.40	Disel	ltr.	48.18	183.99	8864.64	Tractor	Hr.	4.38	544.11	2383.20	12401.24	
		Total																	13231.42
																			13.23
6.00	57.07	Cement,Stone blocks,steel,Gl pipes/Cl pipes/CC pipes having less than 100 mm diametre or other similar materials																	
		First One km	10 MT	Unskld	0.86	790.00	679.40	Disel	ltr.	1.33	183.99	244.71	Tractor	Hr.	1.63	544.11	886.90	1811.01	
		First Two km	10 MT	Unskld	0.92	790.00	726.80	Disel	ltr.	2.67	183.99	491.25	Tractor	Hr.	1.77	544.11	963.07	2181.13	
		First Three km	10 MT	Unskld	1.00	790.00	790.00	Disel	ltr.	4.00	183.99	735.96	Tractor	Hr.	1.90	544.11	1033.81	2559.77	
		First Four km	10 MT	Unskld	1.07	790.00	845.30	Disel	ltr.	5.34	183.99	982.51	Tractor	Hr.	2.04	544.11	1109.98	2937.79	
		First Flve km	10 MT	Unskld	1.13	790.00	892.70	Disel	ltr.	6.67	183.99	1227.21	Tractor	Hr.	2.17	544.11	1180.72	3300.63	
		Beyond 5 km per km	10 MT	Unskld	0.06	790.00	47.40	Disel	ltr.	1.33	183.99	244.71	Tractor	Hr.	0.13	544.11	70.73	362.84	
		For 151 km (Tulsipur to Banphikot)																	
		First Flve km																	3300.63
		Remaining 146 km	10 MT	Unskld	8.76	790.00	6920.40	Disel	ltr.	194.18	183.99	35727.18	Tractor	Hr.	18.98	544.11	10327.21	52974.79	
		Total																	56275.42
																			5.63
7.00	57.08	Timber or other similar materials																	
		First One km	10 m3	Unskld		790.00	0.00	Disel	ltr.	1.78	183.99	327.50	Tractor	Hr.	2.18	544.11	1186.16	1513.66	241.43
		First Two km	10 m3	Unskld	1.24	790.00	979.60	Disel	ltr.	3.56	183.99	655.00	Tractor	Hr.	2.36	544.11	1284.10	2918.70	291.87
		First Three km	10 m3	Unskld	1.33	790.00	1050.70	Disel	ltr.	5.33	183.99	980.67	Tractor	Hr.	2.53	544.11	1376.60	3407.97	340.80
		First Four km	10 m3	Unskld	1.42	790.00	1121.80	Disel	ltr.	7.11	183.99	1308.17	Tractor	Hr.	2.71	544.11	1474.54	3904.51	390.45
		First Flve km	10 m3	Unskld	1.52	790.00	1200.80	Disel	ltr.	8.89	183.99	1635.67	Tractor	Hr.	2.89	544.11	1572.48	4408.95	440.90

		Beyond 5 km per km	10 m3	Unskld	0.09	790.00	71.10	Disel	ltr.	1.78	183.99	327.50	Tractor	Hr.	0.18	544.11	97.94	496.54	49.66
		For 10 km																	
		First Five km																	
		Remaining 5 km	10 m3	Unskld	0.45	790.00	355.50	Disel	ltr.	8.90	183.99	1637.51	Tractor	Hr.	0.90	544.11	489.70	2482.71	
		Total																	689.17
		For 15 km																	
		First Five km																	
		Remaining 10 km	10 m3	Unskld	0.90	790.00	711.00	Disel	ltr.	17.80	183.99	3275.02	Tractor	Hr.	1.80	544.11	979.40	4965.42	
		Total																	937.44
		For 136 km (Tulsipur to Serigaun)																	
		First Five km																	
		Remaining 131 km	10 m3	Unskld	11.79	790.00	9314.10	Disel	ltr.	233.18	183.99	42902.79	Tractor	Hr.	23.58	544.11	12830.11	65047.00	
		Total																	6945.64
8.00	57.09	Bitumen or other similar materials																	
		First One km	10 MT	Unskld	1.42	790.00	1121.80	Disel	ltr.	2.22	183.99	408.46	Tractor	Hr.	2.72	544.11	1479.98	3010.24	
		First Two km	10 MT	Unskld	1.55	790.00	1224.50	Disel	ltr.	4.44	183.99	816.92	Tractor	Hr.	2.94	544.11	1599.68	3641.10	
		First Three km	10 MT	Unskld	1.67	790.00	1319.30	Disel	ltr.	6.67	183.99	1227.21	Tractor	Hr.	3.17	544.11	1724.83	4271.34	
		First Four km	10 MT	Unskld	1.78	790.00	1406.20	Disel	ltr.	8.89	183.99	1635.67	Tractor	Hr.	3.39	544.11	1844.53	4886.40	
		First Five km	10 MT	Unskld	1.90	790.00	1501.00	Disel	ltr.	11.11	183.99	2044.13	Tractor	Hr.	3.61	544.11	1964.24	5509.37	
		Beyond 5 km per km	10 MT	Unskld	0.12	790.00	94.80	Disel	ltr.	2.22	183.99	408.46	Tractor	Hr.	0.22	544.11	119.70	622.96	
		For 151 km (Tulsipur to Banphikot)																	
		First Five km																	5509.37
		Remaining 146 km	10 MT	Unskld	17.52	790.00	13840.80	Disel	ltr.	324.12	183.99	59634.84	Tractor	Hr.	32.12	544.11	17476.81	90952.45	
		Total																	96461.82
																			9.65
9.00	55.10	Excavated rock boulders or other similar materials of irregular shape																	
		First One km	10 m3	Unskld	2.34	790.00	1848.60	Disel	ltr.	3.76	183.99	691.80	Tractor	Hr.	4.46	544.11	2426.73	4967.13	496.71
		First Two km	10 m3	Unskld	2.83	790.00	2235.70	Disel	ltr.	7.51	183.99	1381.76	Tractor	Hr.	5.40	544.11	2938.19	6555.66	655.57
		First Three km	10 m3	Unskld	3.32	790.00	2622.80	Disel	ltr.	11.27	183.99	2073.57	Tractor	Hr.	6.33	544.11	3444.22	8140.58	814.06
		First Four km	10 m3	Unskld	3.82	790.00	3017.80	Disel	ltr.	15.02	183.99	2763.53	Tractor	Hr.	7.27	544.11	3955.68	9737.01	973.70
		First Five km	10 m3	Unskld	4.31	790.00	3404.90	Disel	ltr.	18.78	183.99	3455.33	Tractor	Hr.	8.21	544.11	4467.14	11327.38	1132.74
		Beyond 5 km per km	10 m3	Unskld	0.49	790.00	387.10	Disel	ltr.	3.75	183.99	689.96	Tractor	Hr.	0.94	544.11	511.46	1588.53	158.85

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ANALYSIS OF RATES -1

1.00	Sal Wood work all complete				
a	Sal wood work per m3 <u>from Dang</u>				
	1. Royalty	5400.00	35.28		190512.00
	2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				
	Considering the beam of size 1x0.10x0.10 m				
	Volume :-	0.01		Cum.	
	Surface Area:-	0.4		Sq.m.	
	No of beam per Cum. of wood	100		no	
	Surface Area for 1 Cum.	40		Sq.m.	
	LABOUR 10.22.ka				
	Semiskilled	0.5	40		0.00
	Unskilled	0.166	40		0.00
					0.00
	3. Transportatation from <u>Dang to Musikot,Khalanga</u>				6945.64
				Total	197457.64
b	Sal wood work per m3 for <u>(Avaibility in Rukum)</u>				
	1. Royalty	800.00	35.28		28224.00
	2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				
	Considering the beam of size 1x0.10x0.10 m				
	Volume :-	0.01		Cum.	
	Surface Area:-	0.4		Sq.m.	
	No of beam per Cum. of wood	100		no	
	Surface Area for 1 Cum.	40		Sq.m.	
	LABOUR 10.22.ka				
	Semiskilled	0.5	40	790.00	15800.00
	Unskilled	0.166	40	790.00	5245.60
					21045.60
	3. Transportatation from <u>Jungle to Site</u>				937.44
				Total	50207.04
2.00	Okhar wood				
a	Okhar wood per m3				
	1. Royalty	500.00	35.28		17640.00
	2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				
	Considering the beam of size 2x0.10x0.10 m				
	Volume :-	0.01		Cum.	
	Surface Area:-	0.4		Sq.m.	
	No of beam per Cum. of wood	100		no	
	Surface Area for 1 Cum.	40		Sq.m.	
	LABOUR (10.22.ka)				
	Semiskilled	0.5	40	790.00	15800.00
	Unskilled	0.166	40	790.00	5245.60
					21045.60
	3. Transportatation from Jungle to site: 15 km				937.44
				Total	39623.04
3.00	Tuni wood				
a	Okhar wood per m3				
	1. Royalty	300.00	35.28		10584.00
	2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				
	Considering the beam of size 2x0.10x0.10 m				
	Volume :-	0.01		Cum.	
	Surface Area:-	0.4		Sq.m.	

No of beam per Cum. of wood	100	no		
Surface Area for 1 Cum.	40	Sqm.		
LABOUR (10.22.ka)				
Semiskilled	0.5	40	790.00	15800.00
Unskilled	0.166	40	790.00	5245.60
				21045.60
3. Transportation from Jungle to site: 15 km				937.44
			Total	32567.04
4.00 Salla				
Salla wood per m3				
1. Royalty			200.00	35.28
2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				7056.00
Considering the beam of size 2x0.10x0.10 m				
Volume :-	0.01	Cum.		
Surface Area:-	0.4	Sqm.		
No of beam per Cum. of wood	100	no		
Surface Area for 1 Cum.	40	Sqm.		
LABOUR (10.22.ka)				
Semiskilled	0.5	40	790.00	15800.00
Unskilled	0.166	40	790.00	5245.60
				21045.60
3. Transportation from Jungle to site: 10 km				689.17
Total	28790.77			
5.00 Uttis etc. wood per m3				
1. Royalty			100.00	35.28
2. Preparation (Sawing,Loading,Onloading,Stocking etc.)				3528.00
Considering the beam of size 2x0.10x0.10 m				
Volume :-	0.01	Cum.		
Surface Area:-	0.4	Sqm.		
No of beam per Cum. of wood	100	no		
Surface Area for 1 Cum.	40	Sqm.		
LABOUR (10.22.ka)				
Semiskilled	0.5	40	790.00	15800.00
Unskilled	0.166	40	790.00	5245.60
				21045.60
3. Transportation from Jungle to site: 10 km				689.17
			Total	25262.77
6.00 Roofing slate per m2 within 25 km				
a. Royalty/District Rate			Rs.	290.00
b. Collection			Rs.	152.15
c. Transportation			Rs.	52.45
			Total	494.61
7.00 Cost for clay per m3 at HQ				
a. Collection			Rs.	80.00
b. Transportation:				311.72
			Total	391.72
8.00 Cost for Flagstone per m2 (50mm thick)				
a. Royalty/District Rate			Rs.	280.00
b. Collection			Rs.	217.25
c. Transportation			Rs.	82.80
			Total	580.05
9.00 Cost for Flagstone per m2 (37.5mm thick)				
a. Royalty/District Rate			Rs.	280.00
b. Collection			Rs.	162.94
c. Transportation			Rs.	62.10
			Total	505.04

10.00	Cost for Flagstone per m2 (25 mm thick)			
	a. Royalty/District Rate		Rs.	280.00
	b. Collection		Rs.	108.63
	c. Transportation		Rs.	41.40
			Total	430.02
11.00	Cost for Rubble stone per m3 within 1 km			
	a. Royalty		Rs.	105.84
	b. Collection		Rs.	1106.00
	c. Transportation		Rs.	352.75
			Total	1564.59
12.00	Cost for Sand per m3			
	a. Royalty	Excavated Sand within 1 km	Rs.	105.84
	b. Collection		Rs.	1177.10
	c. Transportation		Rs.	356.97
			Total	1639.91
13.00	Cost for Sand per m3			
	a. Royalty/District Rate	River Sand within 5 km	Rs.	105.84
	b. Collection		Rs.	1975.00
	c. Transportation		Rs.	689.34
			Total	2770.18
14.00	Cost for Sand per m3			
	a. Royalty/District Rate	River Sand within 15 km	Rs.	105.84
	b. Collection		Rs.	1975.00
	c. Transportation			1655.98
			Total	3736.82
15.00	Aggregate per m3			
a	a. Royalty	Excavated Agreegate within 1 km	Rs.	0.00
	b. Collection		Rs.	1177.10
	c. Transportation		Rs.	356.97
			Total	1534.07
b	a. Royalty	Agreegate by Breaking within 1 km	Rs.	0.00
	b. Collection		Rs.	3160.00
	c. Transportation		Rs.	356.97
			Total	3516.97

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
ANALYSIS OF RATES -2

S.N.	Particulars	Unit	Amount	Remarks
1.0	Rubble Stone			
	Rubble stone within 1 km	m3	1564.59	
2.0	Sand			
	Excavated Sand within 1 km	m3	1639.91	
	River Sand within 5 km	m3	2770.18	
	River Sand within 15 km	m3	3736.82	
3.0	Excavated Agreegate within 1 km	m3	1534.07	
	Aggregate by Breaking	m3	3516.97	
4.0	Roofing slate			
	Within 25 km	m3	494.61	
5.0	Flage stone paving work			
	50 mm thick	m2	580.05	
	37.5 mm thick	m2	505.04	
	25 mm thick	m2	430.02	
6.0	Wood			
	Sal wood	m3	197457.64	
	Sal wood (Local Avaiability)	m3	50207.04	
	Tuni, Jamun	m3	32567.04	
	Salla wood	m3	28790.77	
	Okher wood at DHQ	m3	39623.04	
	Uttis wood	m3	25262.77	
7.0	Clay	m3	391.72	

4	Cement Admixtures			1					
	Water proof cmpnd (powder)	kg.	1	45.00	6.27			51.27	
	WPC liquid (safecrete)	ltr.	1	190.00	6.27			196.27	
	WpC liquid (safemite)	ltr.	1	190.00	6.27			196.27	
	Silica Cement admixture	kg.	1	310.00	6.27			316.27	
	Super Plasisizer	ltr.	1	115.00	6.27			121.27	
5	Iron Material								
	Reinforcement Steel								
	4.75 mm - 8 mm	qintl.	100	10500.00	655.00			11155.00	
	10 mm - 20 mm	qintl.	100	10000.00	655.00			10655.00	
	25 mm - 32 mm	qintl.	100	10100.00	655.00			10755.00	
	Binding wire	qintl.	100	11700.00	655.00			12355.00	
	G.I. Wire								
	GI wire 8/10/12 swg, Commercial	kg.	1	96.00	3.99			99.99	
	GI wire 8/10/12 swg, Medium	kg.	1	110.00	3.99			113.99	
	GI wire 8/10/12 swg, Heavy	kg.	1	120.00	3.99			123.99	
	Barbed Wire								
	Barbed Wire 12 swg (1 kg=7 m)	kg.	1	120.00	3.99			123.99	
	Iron Grill with fitting								
	Flat Grill	kg.	1	130.00	3.99			133.99	
	Solid Square Rod grill	kg.	1	143.00	3.99			146.99	
	Iron Angle	kg.	1	135.00	3.99			138.99	
	Iron Angle / Bench,desk etc.	kg.	1	135.00	3.99			138.99	
	Iron Colapsible Gate (chain gate)	kg.	1	135.00	3.99			138.99	
	Iron Gate (used iron sheet)	kg.	1	145.00	3.99			148.99	
	Iron Spiral Staircase (75cm breadth)	kg.	1	165.00	3.99			168.99	
	Square pipe for railing, Commercial								
	3/4" * 3/4"	RM	1.11	210.00	4.42			214.42	t=2
	1" * 1"	RM	1.43	270.00	5.70			275.70	
	1.5" * 1.5"	RM	2.37	225.00	9.45			234.45	
	Square pipe for railing, Medium								
	3/4" * 3/4"	RM	1.11	235.00	4.42			239.42	t=2
	1" * 1"	RM	1.74	300.00	5.70			305.70	t=2.5
	1.5" * 1.5"	RM	2.92	375.00	9.45			384.45	
	Square pipe for railing, Heavy								
	3/4" * 3/4"	RM	1.11	295.00	4.42			299.42	t=2
	1" * 1"	RM	2.04	365.00	8.14			373.14	t=3
	1.5" * 1.5"	RM	3.45	460.00	13.76			473.76	
	Black pipe with fitting for railing, Commercial								
	1" dia. CC	RM	1.98	270.00	7.18			277.18	
	1.5" dia. CC	RM	3.23	335.00	11.71			346.71	
	2" dia. CC	RM	4.08	450.00	14.79			464.79	
	Black pipe with fitting for railing, Medium								
	1" dia. MC	RM	2.41	300.00	8.74			308.74	
	1.5" dia. MC	RM	3.56	375.00	12.91			387.91	
	2" dia. MC	RM	5.03	510.00	18.24			528.24	
	Black pipe with fitting for railing, Heavy								
	1" dia. HC	RM	2.93	360.00	10.62			370.62	
	1.5" dia. HC	RM	4.37	460.00	15.84			475.84	
	2" dia. HC	RM	6.19	635.00	12.44			647.44	
	Black pipe for Truss	kg.	1	135.00	3.63			138.63	
	Iron Rolling shutter with fitting	kg.	1	150.00	3.63			153.63	
	Iron wiremesh							0.00	
	Chicken wire	m2		115.00	3.30			118.30	
	Mosquito Proof	m2		180.00	5.25			185.25	
	Mosquito Proof good quality	m2		260.00	8.18			268.18	
	Iron Barfi	m2		240.00	7.76			247.76	

	Fencing Wire (GI wire 10 swg mesh size 3**3"	kg.	1	140.00	6.27		146.27	
	Machine made heavy coated Gabion boxes	m2	kg	280.00			280.00	m2
	Box Size 1*1*1	pc	12	1680.00	50.04	2	1780.07	
	Box Size 3*1*1	pc	26	4480.00	113.12	2	4706.25	
	Box Size 2*1*1	pc	19	3080.00	82.67	2	3245.34	
	Box Size 3*1*0.5	pc	13	3080.00	56.57	2	3193.14	
	Box Size 3*1*0.3	pc	9	2520.00	39.16	2	2598.31	
	Box Size 2*1*0.5	pc	10	2100.00	43.51	2	2187.02	
	Box Size 1.5*1*1	pc	15	2520.00	65.27	2	2650.54	
	Machine made heavy coated Gabion boxes (Meccaferi)	m2		310.00			310.00	m2
	Box Size 1*1*1	pc	12	1860.00	50.04	2	1960.07	
	Box Size 3*1*1	pc	26	4960.00	108.41	2	5176.82	
	Box Size 2*1*1	pc	19	3410.00	78.99	2	3567.99	
	Box Size 3*1*0.5	pc	13	3410.00	54.21	2	3518.42	
	Box Size 3*1*0.3	pc	9	2790.00	37.52	2	2865.05	
	Box Size 2*1*0.5	pc	10	2325.00	41.72	2	2408.44	
	Box Size 1.5*1*1	pc	15	2790.00	74.16	2	2938.33	
	Iron Fitting							
	Hold fast	kg.	1	97.00	3.63		100.63	
	Nails	kg.	1	110.00	3.63		113.63	
	Nut bolt	kg.	1	215.00	3.63		218.63	
	Screws (100 pc=1pckt)	pckt.		80.00	3.63		83.63	
	J - Hook	pc		22.00	0.88		22.88	
	Bitumin washer (100 pc=1pckt)	pckt.		38.00	1.52		39.52	
	Roofing nail	kg.	1	190.00	2.99		192.99	
6	Door/Window Fixtures etc.							
	Chheskini							
	3" iron	Pc		20.00	0.60		20.60	
	4" Iron	Pc		28.00	0.84		28.84	
	6" iron	Pc		34.00	1.02		35.02	
	8" iron	Pc		65.00	1.95		66.95	
	12" iron	Pc		87.00	2.61		89.61	
	3" alumn	Pc		20.00	0.60		20.60	
	4" alumn	Pc		34.00	1.02		35.02	
	6" alumn	Pc		44.00	1.32		45.32	
	8" alumn	Pc		65.00	1.95		66.95	
	12" alumn	Pc		108.00	3.24		111.24	
	Kabja							
	3"	pc		18.00	0.54		18.54	
	4"	pc		28.00	0.84		28.84	
	6"	pc		45.00	1.35		46.35	
	Handle							
	Aluminium	pc		28.00	0.84		28.84	
	Brass	pc		58.00	1.74		59.74	
	Iron	pc		23.00	0.69		23.69	
	Locking Set							
	8" Steel	pc		163.00	4.89		167.89	
	10" Steel	pc		185.00	5.55		190.55	
	12" Steel	pc		215.00	6.45		221.45	
	8" Almunium	pc		210.00	6.30		216.30	
	10" Aluminium	pc		240.00	7.20		247.20	
	12" Aluminium	pc		273.00	8.19		281.19	
	8" brass	pc		650.00	19.50		669.50	
	10" brass	pc		818.00	24.54		842.54	
	12" brass	pc		935.00	28.05		963.05	
	Door lock, martis	pc		787.00	23.61		810.61	

	Door spring	pc			185.00	5.55		190.55
	Door spring, hydraulic	pc			1050.00	31.50		1081.50
7	Ply wood							
	Commercial							
	4 mm	m2			245.00	7.35		252.35
	6 mm	m2			375.00	11.25		386.25
	8 mm	m2			425.00	12.75		437.75
	10 mm	m2			510.00	15.30		525.30
	12 mm	m2			670.00	20.10		690.10
	18 mm	m2			770.00	23.10		793.10
	19 mm	m2			840.00	25.20		865.20
	Water Proof							
	6 mm	m2			585.00	17.55		602.55
	8 mm	m2			690.00	20.70		710.70
	10 mm	m2			900.00	27.00		927.00
	12 mm	m2			1000.00	30.00		1030.00
	18 mm	m2			1170.00	35.10		1205.10
	19 mm	m2			1225.00	36.75		1261.75
8	Sunmica 4" * 8"	pc			700.00	21.00		721.00
9	Four Mica	m2			1280.00	38.40		1318.40
10	Teak ply wood 4 mm, Natural Texture	m2			390.00	11.70		401.70
11	Teak ply wood 4 mm, Simple Texture	m2			335.00	10.05		345.05
12	Hard Board	m2			375.00	11.25		386.25
13	Glass white							
	4 mm	m2			575.00	17.25		592.25
	5 mm	m2			640.00	19.20		659.20
	Glass Black							
	4 mm Reflection Glass	m2	4		1015.00	30.45	1.50	1045.45
	5 mm Reflection Glass	m2	5		1150.00	34.50	1.50	1184.50
14	Floor Materials							
	Terrazo Tile 20 mm	m2			685.00	28.60		713.60
	Porcelien Glazed Tile (Floor Tile)	m2			630.00	26.40		656.40
	Border Tile 2" * 8"	m2			1155.00	48.40		1203.40
	Interlocking Pavers (CC Tile)	pc			58.00	2.20		60.20
	Cheqres Tile	pc			58.00	2.20		60.20
	Simple Marble	m2			1490.00	64.40		1554.40
	Marble Granite	m2			3150.00	138.00		3288.00
	Marble chips 0,1,2,3 & 4	kg.	1		19.00	6.27		25.27
	Aczalic Acid	kg.	1		210.00	6.27		216.27
	Main Police	kg.	1		760.00	6.27		766.27
	Mosaic Pulber	pc			115.00	6.27		121.27
	Mosaic Mashine (Rubbing Mashine) TP Extra	day			575.00	18.98		593.98
	Carborandom Stone	pc			210.00	8.80		218.80
	Epoxy Bonding Agent	kg.			1890.00	79.20		1969.20
15	Roofing sheets and Fixtures							
	CGI Sheet							m2
	26 SWG (0.41 mm) NS Heavy	Bndl.	55		10000.00	375.02		10375.02 1571.97
	28 SWG (0.31 mm) NS Heavy	Bndl.	50		8000.00	360.59		8360.59 1266.76
	Coloured CGI Sheet Heavy							
	0.75 mm, 22 swg	m2	6		1250.00	41.25		1291.25
	0.52 mm, 24 swg	m2	5		1050.00	34.65		1084.65
	0.41 mm, 26 swg	m2	4.72		618.00	26.40		644.40
	0.31 mm, 28 swg	m2	3.00		533.00	17.59		550.59
	Coloured CGI Sheet Medium							
	0.50 mm, 24 swg	m2	3.83		900.00	27.00		927.00
	0.37 mm, 26 swg	m2	3.83		560.00	16.80		576.80

	Geo textile TS 50	m2		240.00	7.20	1.00	247.20	
	Geo textile TS 60	m2		290.00	8.70	1.00	298.70	
19	Tarfelt Roll (1*20 m) IS							
20	UPVC Roofing							
	Carbon Fiber UPVC Roofing Sheet 3 mm	sft		100.00	4.80	1.50	107.20	
	Powder coating fixer	pc		8.00	0.35	1.50	8.53	
	Self tapping Screw 3"	pc		8.00	0.35	1.50	8.53	
	Self tapping Screw 2.5"	pc		7.00	0.35	1.50	7.53	
	Self tapping Screw 2"	pc		6.00	0.35	1.50	6.53	
	Self tapping Screw 1.5"	pc		5.00	0.35	1.50	5.53	
	Self tapping Screw 1"	pc		4.00	0.35	1.50	4.53	
	UPVC Ridge Cover, 3'7" * 2'	pc		870.00	34.80	1.50	922.20	
21	Gypsum Items (Ceiling)							
	Gypsum Readymade Plaster Moulding (Central Panel for Architectural Purpose)							
	CCR 23 (S) 490 mm dia.	pc		1800.00	82.80	2.50	2007.00	
	CCR 49 (S) 502 mm dia.	pc		2070.00	91.08	2.50	2297.70	
	CCR 49 (M) 690 mm dia.	pc		2300.00	101.20	2.50	2553.00	
	CCR 23 (S) 794 mm dia.	pc		2660.00	116.60	2.50	2951.50	
	Plain false ceiling with 12.5 mm thick Gypsum Board or boral plaster with supplying all materials	m2		1150.00	50.60	2.50	1276.50	
	Design false ceiling on plain area with 12.5 mm thick Gypsum Board or boral plaster with supplying all materials	m2		1190.00	47.00	2.50	1307.50	
	Design false ceiling on slopping area with 12.5 mm thick Gypsum Board or boral plaster with supplying all materials	m2		1250.00	50.00	2.50	1375.00	
	Gypsum Board Simple	m2		980.00	39.20	1.50	1038.80	
	Design Gypsum Board	m2		1150.00	46.80	1.50	1220.20	
22	Cornice Items							
	Readymade Decorative Cornices made of plaster of paris							
	C 331 (Plain) L 2362mm * W 100 mm * H 100 mm							
	C 334 (Rose Pattern) L 2343mm * W 103 mm * H 100 mm							
	C 111 (Lotus Pattern) L 2210 mm * W 69 mm * H 130 mm							
	CM 16 L 2010 mm * W 104 mm * H 143 mm							
23	HDPE pipe NS Quality							
			wt./m	Rate, Dang.kg	TP upto DHQ	Factor		Rem
	16mm dia. 10 kg/cm2	m	0.092	24.38	0.28	2.75	25.15	
	20mm dia. 10 kg/cm2	m	0.134	35.51	0.40	2.75	36.61	
	25mm dia. 10 kg/cm2	m	0.202	53.53	0.60	2.75	55.18	
	32mm dia. 10 kg/cm2	m	0.334	88.51	1.00	3.75	92.26	
	40mm dia. 10 kg/cm2	m	0.514	136.21	1.54	3.75	141.99	
	50mm dia. 10 kg/cm2	m	0.796	210.94	2.38	3.75	219.87	
	32mm dia. 6 kg/cm2	m	0.226	59.89	0.68	3.75	62.44	
	40mm dia. 6 kg/cm2	m	0.35	92.75	1.05	3.75	96.69	
	50mm dia. 6 kg/cm2	m	0.542	143.63	1.62	3.75	149.71	
	63mm dia. 6 kg/cm2	m	0.85	225.25	2.54	2.50	231.60	
	75mm dia. 6 kg/cm2	m	1.192	315.88	3.57	2.50	324.81	
	90mm dia. 6 kg/cm2	m	1.715	454.48	5.13	2.50	467.31	
	110mm dia. 6 kg/cm2	m	2.545	674.43	7.61	2.50	693.46	
	40mm dia. 4 kg/cm2	m	0.251	66.52	0.75	3.75	69.33	
	50mm dia. 4 kg/cm2	m	0.378	100.17	1.13	3.75	104.41	
	63mm dia. 4 kg/cm2	m	0.585	155.03	1.75	2.50	159.41	
	75mm dia. 4 kg/cm2	m	0.846	224.19	2.53	2.50	230.52	
	90mm dia. 4 kg/cm2	m	1.22	323.30	3.65	2.50	332.43	

		110mm dia. 4 kg/cm2	m	1.703	451.30	5.10	2.50	464.05
		125mm dia. 4 kg/cm2	m	2.289	606.59	6.85	2.50	623.72
		140mm dia. 4 kg/cm2	m	2.901	768.77	8.68	2.50	790.47
		160mm dia. 4 kg/cm2	m	3.773	999.85	11.29	2.50	1028.08
		180mm dia. 4 kg/cm2	m	4.762	1261.93	14.25	2.50	1297.56
		200mm dia. 4 kg/cm2	m	5.89	1560.85	17.62	2.50	1604.90
		63mm dia. 2.5 kg/cm2	m	0.403	106.80	1.21	2.50	109.83
		75mm dia. 2.5 kg/cm2	m	0.557	147.61	1.67	2.50	151.79
		90mm dia. 2.5 kg/cm2	m	0.799	211.74	2.39	2.50	217.72
		110mm dia. 2.5 kg/cm2	m	1.185	314.03	3.55	2.50	322.91
		125mm dia. 2.5 kg/cm2	m	1.53	405.45	4.58	2.50	416.90
		140mm dia. 2.5 kg/cm2	m	1.897	502.71	5.68	2.50	516.91
		160mm dia. 2.5 kg/cm2	m	2.453	650.05	7.34	2.50	668.40
		180mm dia. 2.5 kg/cm2	m	3.148	834.22	9.42	2.50	857.77
		200mm dia. 2.5 kg/cm2	m	3.875	1026.88	11.59	2.50	1055.86
		HDP water tank, NS_with fitting	ltr.	1	15.00	2.99	1.50	19.49
24	Fuel							
		Disel	ltr.	1	181.00	2.99		183.99
		Petrol	ltr.	1	181.00	2.99		183.99
		Kerosine	ltr.	1	172.00	2.99		174.99
25	RCC Hume pipe NP3							
		30 cm dia	rm		3380.00	744		4123.60
		45 cm dia	rm		4840.00	1065		5904.80
		60 cm dia	rm		6650.00	1463		8113.00
		90 cm dia	rm		11500.00	2530		14030.00
26	Transportation of Hume Pipe, Dirt Road							
	RCC Hume pipe NP3							
		0 to 50 km	km		20%			0.20
		50 to 100 km	km		25%			0.25
		100 to 200	km		30%			0.30
		200 to 300	km		35%			0.35
27	Transportation of Hume Pipe, Black Top							0.00
	RCC Hume pipe NP3							0.00
		0 to 50 km	km		15%			0.15
		50 to 100 km	km		20%			0.20
		100 to 200	km		25%			0.25
		200 to 300	km		30%			0.30
28	Stainless Steel Pipe							
		20 mm dia, 16 gauge	rm	1.28	900.00	3.83		903.83
		25 mm dia, 16 gauge	rm	2.09	1380.00	6.25		1386.25
		32 mm dia, 16 gauge	rm	2.7	1480.00	8.08		1488.08
		40 mm dia, 16 gauge	rm	3.11	1785.00	9.31		1794.31
		50 mm dia, 16 gauge	rm	3.93	2510.00	11.76		2521.76
29	Water supply Fittings							
	G.I. Pipe Medium Class NS/IS (Hulas or same)							
		1/2" dia.	rm	1.28	210.00	3.83		213.83
		3/4" dia.	rm	1.66	268.00	4.97		272.97
		1" dia.	rm	2.54	402.00	7.60		409.60
		1-1/4" dia.	rm	3.26	522.00	9.75		531.75
		1-1/2" dia.	rm	3.75	599.00	11.22		610.22
		2" dia.	rm	5.28	818.00	15.80		833.80
		2-1/2" dia.	rm	6.72	1044.00	20.11		1064.11
		3" dia.	rm	8.72	1295.00	26.09		1321.09
		4" dia.	rm	12.42	1922.00	37.16		1959.16
		5" dia.	rm	16.59	2620.00	49.64		2669.64

	6" dia.	rm	19.27	3216.00	57.66	3273.66
	8" dia.	rm		4890.00		4890.00
Socket medium class						
	1/2" dia.	pc		44.00	1.76	45.76
	3/4" dia.	pc		70.00	2.80	72.80
	1" dia.	pc		88.00	3.52	91.52
	1-1/4" dia.	pc		138.00	5.52	143.52
	1-1/2" dia.	pc		185.00	7.40	192.40
	2" dia.	pc		287.00	11.48	298.48
	2-1/2" dia.	pc		460.00	18.40	478.40
	3" dia.	pc		690.00	27.60	717.60
	4" dia.	pc		1365.00	54.60	1419.60
	5" dia.	pc		3410.00	136.40	3546.40
	6" dia.	pc		4585.00	183.40	4768.40
	8" dia.	pc		5760.00	230.40	5990.40
G.I. Nipple medium class 15 cm						
	1/2" dia.	pc		52.00	2.08	54.08
	3/4" dia.	pc		70.00	2.80	72.80
	1" dia.	pc		97.00	3.88	100.88
	1-1/4" dia.	pc		120.00	4.80	124.80
	1-1/2" dia.	pc		151.00	6.04	157.04
	2" dia.	pc		200.00	8.00	208.00
	2-1/2" dia.	pc		276.00	11.04	287.04
	3" dia.	pc		323.00	12.92	335.92
	4" dia.	pc		469.00	18.76	487.76
	5" dia.	pc		612.00	24.48	636.48
	6" dia.	pc		757.00	30.28	787.28
G.I. elbow medium class						
	1/2" dia.	pc		50.00	2.00	52.00
	3/4" dia.	pc		78.00	3.12	81.12
	1" dia.	pc		123.00	4.92	127.92
	1-1/4" dia.	pc		190.00	7.60	197.60
	1-1/2" dia.	pc		263.00	10.52	273.52
	2" dia.	pc		405.00	16.20	421.20
	2-1/2" dia.	pc		769.00	30.76	799.76
	3" dia.	pc		1036.00	41.44	1077.44
	4" dia.	pc		1863.00	74.52	1937.52
	5" dia.	pc		5155.00	206.20	5361.20
	6" dia.	pc		6204.00	248.16	6452.16
	8" dia.	pc		7253.00	290.12	7543.12
Equal Tee medium class						
	1/2" dia.	pc		77.00	3.08	80.08
	3/4" dia.	pc		123.00	4.92	127.92
	1" dia.	pc		167.00	6.68	173.68
	1-1/4" dia.	pc		257.00	10.28	267.28
	2" dia.	pc		332.00	13.28	345.28
	2-1/2" dia.	pc		531.00	21.24	552.24
	3" dia.	pc		975.00	39.00	1014.00
	4" dia.	pc		1389.00	55.56	1444.56
	5" dia.	pc		6909.00	276.36	7185.36
	6" dia.	pc		8007.00	320.28	8327.28
	8" dia.	pc		9105.00	364.20	9469.20
Un Equal Tee medium class						
	1/2*3/4" dia.	pc		132.00	5.28	137.28
	1/2*1" dia.	pc		182.00	7.28	189.28

	1/2*1-1/2" dia.	pc		275.00	11.00	286.00
	1/2*1-1/2" dia.	pc		356.00	14.24	370.24
	1/2*2" dia.	pc		568.00	22.72	590.72
	1/2*2-1/2" dia.	pc		1045.00	41.80	1086.80
	1/2*3" dia.	pc		1494.00	59.76	1553.76
	1/2*4" dia.	pc		2448.00	97.92	2545.92
Union Socket medium class						
	1/2" dia.	pc		133.00	5.32	138.32
	3/4" dia.	pc		180.00	7.20	187.20
	1" dia.	pc		248.00	9.92	257.92
	1-1/4" dia.	pc		387.00	15.48	402.48
	1-1/2" dia.	pc		472.00	18.88	490.88
	2" dia.	pc		719.00	28.76	747.76
	2-1/2" dia.	pc		1340.00	53.60	1393.60
	3" dia.	pc		1867.00	74.68	1941.68
	4" dia.	pc		2595.00	103.80	2698.80
End cap medium class						
	1/2" dia.	pc		22.00	0.88	22.88
	3/4" dia.	pc		39.00	1.56	40.56
	1" dia.	pc		50.00	2.00	52.00
	1-1/4" dia.	pc		88.00	3.52	91.52
	1-1/2" dia.	pc		103.00	4.12	107.12
	2" dia.	pc		129.00	5.16	134.16
	2-1/2" dia.	pc		241.00	9.64	250.64
	3" dia.	pc		328.00	13.12	341.12
	4" dia.	pc		499.00	19.96	518.96
	5" dia.	pc		671.00	26.84	697.84
	6" dia.	pc		843.00	33.72	876.72
	8" dia.	pc		1014.00	40.56	1054.56
G.I. Reducer socket medium class						
	1/2" * 3/4" dia.	pc		70.00	2.80	72.80
	1/2" * 1" dia.	pc		96.00	3.84	99.84
	1/2" * 1-1/4" dia.	pc		149.00	5.96	154.96
	1/2" * 1-1/2" dia.	pc		184.00	7.36	191.36
	1/2" * 2" dia.	pc		308.00	12.32	320.32
	1/2" * 2-1/2" dia.	pc		502.00	20.08	522.08
	1/2" * 3" dia.	pc		754.00	30.16	784.16
	1/2" * 4" dia.	pc		1228.00	49.12	1277.12
	20 mm dia. Gun Metal Air Valve	pc		5110.00	204.40	5314.40
	25 mm dia. Gun Metal Air Valve	pc		5379.00	215.16	5594.16
G.I. Reducer elbow medium class (NS-383)						
	20 mm dia.	pc		76.00	3.04	79.04
	25 mm dia.	pc		118.00	4.72	122.72
	32 mm dia.	pc		185.00	7.40	192.40
	40 mm dia.	pc		255.00	10.20	265.20
	50 mm dia.	pc		395.00	15.80	410.80
	65 mm dia.	pc		759.00	30.36	789.36
	80 mm dia.	pc		1023.00	40.92	1063.92
	100 mm dia.	pc		1247.00	49.88	1296.88
Gun metal Gate Valve (NS 149-2044)						
	1/2" dia.	pc		980.00	39.20	1019.20
	3/4" dia.	pc		1185.00	47.40	1232.40

	1" dia.	pc		1825.00	73.00	1898.00
	1-1/4" dia.	pc		2765.00	110.60	2875.60
	1-1/2" dia.	pc		3680.00	147.20	3827.20
	2" dia.	pc		5825.00	233.00	6058.00
	2-1/2" dia.	pc		11060.00	442.40	11502.40
	3" dia.	pc		16830.00	673.20	17503.20
Gun metal check Valve - Vertical (NS 382)						
	15 mm dia.	pc		526.00	21.04	547.04
	20 mm dia.	pc		740.00	29.60	769.60
	25 mm dia.	pc		1023.00	40.92	1063.92
	32 mm dia.	pc		1277.00	51.08	1328.08
	40 mm dia.	pc		1681.00	67.24	1748.24
	50 mm dia.	pc		2688.00	107.52	2795.52
Gun metal check Valve - Horizontal (NS 382)						
	15 mm dia.	pc		673.00	26.92	699.92
	20 mm dia.	pc		1076.00	43.04	1119.04
	25 mm dia.	pc		2287.00	91.48	2378.48
	32 mm dia.	pc		4034.00	161.36	4195.36
	40 mm dia.	pc		6052.00	242.08	6294.08
	50 mm dia.	pc		8807.00	352.28	9159.28
	65 mm dia.	pc		14790.00	591.60	15381.60
Brass Union						
	1/2" dia.	pc		376.00	15.04	391.04
	3/4" dia.	pc		600.00	24.00	624.00
	1" dia.	pc		880.00	35.20	915.20
	1-1/4" dia.	pc		1195.00	47.80	1242.80
	1-1/2" dia.	pc		1824.00	72.96	1896.96
	2" dia.	pc		2059.00	82.36	2141.36
	2-1/2" dia.	pc		3942.00	157.68	4099.68
Flange Set (G.I./HDPE)						
	50* 40 mm dia.	pc		1330.00	53.20	1383.20
	63* 50 mm dia.	pc		1330.00	53.20	1383.20
	75* 65 mm dia.	pc		1605.00	64.20	1669.20
	90* 80 mm dia.	pc		1766.00	70.64	1836.64
	110* 100 mm dia.	pc		2119.00	84.76	2203.76
	125* 110 mm dia.	pc		3905.00	156.20	4061.20
Flange Set (G.I./G.I.)						
	80 mm dia.	pc		882.00	35.28	917.28
	100 mm dia.	pc		1295.00	51.80	1346.80
	150 mm dia.	pc		2354.00	94.16	2448.16
	200 mm dia.	pc		3413.00	136.52	3549.52
G.I. Sluce valve						
	3" dia.	pc		15625.00	625.00	16250.00
	4" dia.	pc		16665.00	666.60	17331.60
	5" dia.	pc		18050.00	722.00	18772.00
	6" dia.	pc		23050.00	922.00	23972.00
	8" dia.	pc		53826.00	2153.04	55979.04
	10" dia.	pc		57200.00	2288.00	59488.00
	12" dia.	pc		66000.00	2640.00	68640.00
Brass Tap 15 mm 400 gm						
		pc		699.00	27.96	726.96
Brass Tap Local						
		pc		309.00	12.36	321.36
Jayson Tap						
		pc		526.00	21.04	547.04
Iron Clamp with nut,bolt						
	3" dia.	pc		380.00	15.20	395.20
	4" dia.	pc		480.00	19.20	499.20

	5" dia.	pc		585.00	23.40	608.40
	6" dia.	pc		650.00	26.00	676.00
	8" dia.	pc		770.00	30.80	800.80
	10" dia.	pc		880.00	35.20	915.20
Ferrule Valve						
	1/2" * 2" dia.	pc		335.50	13.42	348.92
	1/2" * 2-1/2" dia.	pc		353.10	14.12	367.22
	1/2" * 3" dia.	pc		393.80	15.75	409.55
	1/2" * 4" dia.	pc		510.40	20.42	530.82
Mirror Heating Plate						
	10" dia.	pc		3212.00	128.48	3340.48
	8" dia.	pc		2651.00	106.04	2757.04
	6" dia.	pc		1364.00	54.56	1418.56
	5" dia.	pc		1177.00	47.08	1224.08
	4" dia.	pc		1043.00	41.72	1084.72
Check Valve, Brass						
	1/2" dia.	pc		317.00	12.68	329.68
	3/4" dia.	pc		494.00	19.76	513.76
	1" dia.	pc		706.00	28.24	734.24
	1-1/4" dia.	pc		1059.00	42.36	1101.36
	1-1/2" dia.	pc		1565.00	62.60	1627.60
	2" dia.	pc		2200.00	88.00	2288.00
Float Valve BPT Type						
	15 mm dia.	pc		3093.00	123.72	3216.72
	20 mm dia.	pc		3901.00	156.04	4057.04
	25 mm dia.	pc		5110.00	204.40	5314.40
Globe Valve						
	15 mm dia.	pc		942.00	37.68	979.68
	20 mm dia.	pc		955.00	38.20	993.20
	25 mm dia.	pc		2083.00	83.32	2166.32
	32 mm dia.	pc		4034.00	161.36	4195.36
	40 mm dia.	pc		5379.00	215.16	5594.16
	50 mm dia.	pc		7395.00	295.80	7690.80
	65 mm dia.	pc		14790.00	591.60	15381.60
	80 mm dia.	pc		20842.00	833.68	21675.68
	100 mm dia.	pc		36304.00	1452.16	37756.16
Tools and Equipments						
	Adjustable Spanner	pc		605.00	24.20	629.20
	Blow Torch	pc		1050.00	42.00	1092.00
	Building Trowel	pc		121.00	4.84	125.84
	Crobar 1" * 5"	pc		633.00	25.32	658.32
	Die Set 1/2-1"	pc		5335.00	213.40	5548.40
	Die Set 1-1/4 -2"	pc		7810.00	312.40	8122.40
	Die Teeth Oilcan	pc		2000.00	80.00	2080.00
	Hacksaw Blade	pc		79.00	3.16	82.16
	Hacksaw Frame	pc		253.00	10.12	263.12
	Heating Plate 100 mm dia.	pc		1073.00	42.92	1115.92
	Hoe	pc		110.00	4.40	114.40
	Iron Brush	pc		143.00	5.72	148.72
	Iron Pan	pc		385.00	15.40	400.40
	Measuring Tape 30m	pc		960.00	38.40	998.40
	Pick axe	pc		330.00	13.20	343.20

	50 mm dia.	m	0.806	241.59	2.41	3.75	250.63
	63 mm dia.	m	1.266	379.73	3.79	2.50	389.21
	75 mm dia.	m	1.794	538.20	5.37	2.50	551.63
	90 mm dia.	m	2.58	774.71	7.72	2.50	794.01
	110 mm dia.	m	3.825	1148.16	11.44	2.50	1176.76
PN 12.5							
	25 mm dia.	m	0.173	51.73	0.52	2.75	53.16
	32 mm dia.	m	0.274	81.93	0.82	3.75	85.01
	40 mm dia.	m	0.434	129.77	1.30	3.75	134.65
	50 mm dia.	m	0.671	201.23	2.01	3.75	208.77
	63 mm dia.	m	1.044	313.06	3.12	2.50	320.86
	75 mm dia.	m	1.477	442.82	4.42	2.50	453.87
	90 mm dia.	m	2.136	641.06	6.39	2.50	657.04
	110 mm dia.	m	3.165	949.93	9.47	2.50	973.61
PN 10							
	32 mm dia.	m	0.235	69.97	0.70	3.75	72.60
	40 mm dia.	m	0.36	107.64	1.08	3.75	111.69
	50 mm dia.	m	0.554	165.95	1.66	3.75	172.18
	63 mm dia.	m	0.88	263.72	2.63	2.50	270.30
	75 mm dia.	m	1.245	373.15	3.73	2.50	382.48
	90 mm dia.	m	1.78	534.32	5.33	2.50	547.65
	110 mm dia.	m	2.633	790.26	7.88	2.50	809.96
PN 6							
	50 mm dia.	m	0.364	109.14	1.09	3.75	113.23
	63 mm dia.	m	0.567	169.83	1.70	2.50	174.08
	75 mm dia.	m	0.814	243.98	2.44	2.50	250.08
	90 mm dia.	m	1.144	343.25	3.42	2.50	351.80
	110 mm dia.	m	1.682	504.71	5.03	2.50	517.29

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
(Rate analysis (General) : 079/080)

S.N.	Nr.no.	Particulars	Labour				Material					T & P	O-rate	Remarks
			Unit	Type	mds.	Rate	Amount	Type	Unit	Qty.	Rate			
0	1	2	4	5	6	7	8	9	10	11	12	13	14	15
1	Preparation of Construction Site													
	1.01	Cutting of trees etc. allcomplete and transportation upto 15m												
	Ka	12 cm to 30 cm circumference	per	Unskl.	0.13	790.00	102.70						102.70	
	Kha	21 cm to 60 cm circumference	per	Unskl.	0.39	790.00	308.10						308.10	
	Ga	61 cm to 90 cm circumference	per	Unskl.	0.98	790.00	774.20						774.20	
	Gha	91 cm to 120 cm circumference	per	Unskl.	0.98	790.00	774.20						774.20	
	Na	121 cm to 180 cm circumference	per	Unskl.	4.00	790.00	3160.00						3160.00	
	Cha	181 cm to 240 cm circumference	per	Unskl.	4.00	790.00	3160.00						3160.00	
	Chha	241cm to 300 cm circumference	per	Unskl.	10.40	790.00	8216.00						8216.00	
	Ja	More than 301 cm circumference	per	Unskl.	41.67	790.00	32919.30						32919.30	
	1.02	Uprooting of tree with transportation upto 15m												
	Ka	12cm to 30cm circumference	per	Unskl.	0.40	790.00	316.00						316.00	
	Kha	31cm to 60cm circumference	per	Unskl.	0.53	790.00	418.70						418.70	
	Ga	61cm to 90cm circumference	per	Unskl.	2.52	790.00	1990.80						1990.80	
	Gha	91cm to 120cm circumference	per	Unskl.	2.52	790.00	1990.80						1990.80	
	Na	121cm to 180cm circumference	per	Unskl.	12.00	790.00	9480.00						9480.00	
	Cha	181cm to 240cm circumference	per	Unskl.	12.00	790.00	9480.00						9480.00	
	Chha	241cm to 300cm circumference	per	Unskl.	29.60	790.00	23384.00						23384.00	
	1.03	Cutting,uprooting etc. of plants for 100m2 above and 15 plants_Dense	m2	Unskl.	0.040	790.00	31.60						31.60	
	1.04	Cutting,uprooting etc. of plants for 100m2 upto and 15 plants_none Dense	m2	Unskl.	0.030	790.00	23.70						23.70	
	1.05	Cutting,uprooting etc. of plants and levelling etc. all complete	m2	Unskl.	0.023	790.00	18.17						18.17	
	1.06	Cutting,uprooting etc. of bamboo all complete	m3	Unskl.	2.800	790.00	2212.00						2212.00	
	1.07	Surface dressing work all complete	m2	Unskl.	0.010	790.00	7.90						7.90	
	1.08	Cutting of top soil (15-20cm) work	m2	Unskl.	0.160	790.00	126.40						126.40	
	1.09	Keep top soil in Slope	m3	Unskl.	0.040	790.00	31.60						31.60	
	1.10	Dressing,Compacting etc. all complete for top soil in slope	m3	Unskl.	0.010	790.00	7.90						7.90	
2	Rock/Soil work													
	2.01	Soft soil cutting work all complete	m3	Unskl.	0.700	790.00	553.00					16.59	569.59	
	2.00	Boulder mix soil cutting work all complete	m3	Unskl.	0.800	790.00	632.00					18.96	650.96	

	ka	Preparation of Soil Staircase all Complete in Soft soil	m2	Unskl.	0.180	790.00	142.20							4.27	146.47
	kha	Preparation of Soil Staircase all Complete in hard soil	m2	Unskl.	0.280	790.00	221.20							6.64	227.84
	2.37	Removal of boulder for earthwork excavation in boulder/gravel mixed soil (additional)	m3	Unskl.	0.720	790.00	568.80							17.06	585.86
	2.38	Earthwork in excavation in hard & wet soil (additional)	m3	Unskl.	0.360	790.00	284.40							8.53	292.93
	2.39	Back Filling for pipeline trench													
	Ka	In soft soil	m3	Unskl.	0.500	790.00	395.00							11.85	406.85
	Kha	In medium soil	m3	Unskl.	0.550	790.00	434.50							13.04	447.54
	Ga	In hard soil	m3	Unskl.	0.630	790.00	497.70							14.93	512.63
	Gha	In gravel and boulder mix soil	m3	Unskl.	0.600	790.00	474.00							14.22	488.22
	Na	In medium rock	m3	Unskl.	1.100	790.00	869.00							26.07	895.07
	Cha	In hard rock	m3	Unskl.	1.100	790.00	869.00							26.07	895.07
	2.45	Removal of Soil Erosion													
	Ka	In Ordinary soil	m3	Unskl.	0.420	790.00	331.80							9.95	341.75
	Kha	In gravel and boulder mix soil	m3	Unskl.	0.530	790.00	418.70							12.56	431.26
	Ga	In soft rock	m3	Unskl.	0.880	790.00	695.20							20.86	716.06
	Gha	In hard rock	m3	Unskl.	1.100	790.00	869.00							26.07	895.07
3	Local Material collection work														
	3.01	Collection,stacking etc. of Sand all complte with 10 m transportation													
	ka	Capacity of Quarry < 30%	m3	Unskl.	4.540	790.00	3586.60							107.60	3694.20
	kha	Capacity of Quarry 31 to 50%	m3	Unskl.	3.450	790.00	2725.50							81.77	2807.27
	ga	Capacity of Quarry 51 to 65%	m3	Unskl.	2.500	790.00	1975.00							59.25	2034.25
	gha	Capacity of Quarry > 65%	m3	Unskl.	1.430	790.00	1129.70							33.89	1163.59
	na	In hilly region with excavating	m3	Unskl.	1.490	790.00	1177.10							35.31	1212.41
	3.02	Collection,,stacking etc. of Gravel all complte with 10 m transportation													
	ka	5 mm to 70 mm	m3	Unskl.	2.500	790.00	1975.00							59.25	2034.25
	kha	5 mm to 40 mm	m3	Unskl.	4.000	790.00	3160.00							94.80	3254.80
	ga	5 mm to 20 mm	m3	Unskl.	5.880	790.00	4645.20							139.36	4784.56
	gha	5 mm to 80 mm	m3	Unskl.	10.000	790.00	7900.00							237.00	8137.00
	3.03	Collection,stacking etc. of Stone Gravel all complte with 10 m transportation													
	ka	40 mm to 70 mm	m3	Unskl.	5.000	790.00	3950.00							118.50	4068.50
	kha	70 mm to 100 mm	m3	Unskl.	4.000	790.00	3160.00							94.80	3254.80
	3.04	Collection,stacking etc. of necessary size of rubble Stone all complte with 10 m transportation	m3	Unskl.	1.400	790.00	1106.00							33.18	1139.18
	3.05	Breaking,Collection,stacking etc. of Stone all complte with 10 m transportation													
	ka	70 mm to 100 mm	m3	Unskl.	7.000	790.00	5530.00							165.90	5695.90
	kha	40 mm to 70 mm	m3	Unskl.	9.000	790.00	7110.00							213.30	7323.30
	ga	20 mm to 40 mm	m3	Unskl.	15.000	790.00	11850.00							355.50	12205.50
	gha	10 mm to 20 mm	m3	Unskl.	21.500	790.00	16985.00							509.55	17494.55

	Kha.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.280	2770.18	775.65		
								Cement	bag.	2.000	1017.50	2035.00		
							3313.00					17835.45		21148.45
	Kha.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.280	1639.91	459.17		
								Cement	bag.	2.000	1017.50	2035.00		
							3313.00					17518.97		20831.97
	Kha.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.280	3736.82	1046.31		
								Cement	bag.	2.000	1017.50	2035.00		
							3313.00					18106.11		21419.11
	Kha.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.300	2770.18	831.05		
								Cement	bag.	1.400	1017.50	1424.50		
							3313.00					17280.35		20593.35
	Kha.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.300	1639.91	491.97		
								Cement	bag.	1.400	1017.50	1424.50		
							3313.00					16941.27		20254.27
	Kha.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Brick	no.	560.000	26.83	15024.80		
				Unskl.	2.200	790.00	1738.00	Sand	m3	0.300	3736.82	1121.05		
								Cement	bag.	1.400	1017.50	1424.50		
							3313.00					17570.35		20883.35
	5.20	Scaffolding for Brick Masonry work												
	ka	Ground Floor	m3	Unskl.	0.200	790.00	158.00						4.74	162.74
	kha	Other floor	m3	Unskl.	0.700	790.00	553.00						16.59	569.59
6	Stone (Rubble) Masonry work													
	6.01	Cement Mortar												
	Ka.1	In 1:3 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.420	1639.91	688.76		
								Cement	bag.	3.880	1017.50	3947.90		
							5525.00					6357.71		11882.71
	Ka.1	In 1:3 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.420	2770.18	1163.48		
								Cement	bag.	3.880	1017.50	3947.90		
							5525.00					6832.42		12357.42
	Ka.1	In 1:3 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.420	3736.82	1569.46		
								Cement	bag.	3.880	1017.50	3947.90		
							5525.00					7238.41		12763.41
	Ka.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.450	1639.91	737.96		
								Cement	bag.	3.180	1017.50	3235.65		
							5525.00					5694.66		11219.66
	Ka.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.450	2770.18	1246.58		
								Cement	bag.	3.180	1017.50	3235.65		
							5525.00					6203.28		11728.28

	Ka.2	In 1:4 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.450	3736.82	1681.57		
								Cement	bag.	3.180	1017.50	3235.65		
							5525.00					6638.27		12163.27
	Ka.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.470	1639.91	770.76		
								Cement	bag.	2.120	1017.50	2157.10		
							5525.00					4648.91		10173.91
	Ka.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.470	2770.18	1301.98		
								Cement	bag.	2.120	1017.50	2157.10		
							5525.00					5180.13		10705.13
	Ka.3	In 1:6 cement mortar	m3	Skl.	1.500	1050.00	1575.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	5.000	790.00	3950.00	Sand	m3	0.470	3736.82	1756.31		
								Cement	bag.	2.120	1017.50	2157.10		
							5525.00					5634.45		11159.45
	6.02	Mud Mortar												
	1	Dry stone masonry work	m3	Skl.	1.000	1050.00	1050.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	2.000	790.00	1580.00							
							2630.00					1721.05		4351.05
	2	Stone masonry work with mud mortar	m3	Skl.	1.000	1050.00	1050.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	2.250	790.00	1777.50	Clay	m3	0.420	391.72	164.52		
							2827.50					1885.57		4713.07
	6.04	Dry stone masonry work for abutment filling	m3	Skl.	0.300	1050.00	315.00	Stone	m3	1.100	1564.59	1721.05		
				Unskl.	1.200	790.00	948.00							
							1263.00					1721.05		2984.05
	6.05	Stone filling in foundation	m3	Unskl.	1.500	790.00	1185.00	stone	m3	1.200	1564.59	1877.51		
	7	Cement Concrete work												
	7.01	Plain cement concrete work in wall, foundation, abutment etc. (cyclopion or plum)												
	Ka	In 1:3:6	m3	Skl.	0.300	1050.00	315.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.940	1534.07	1442.03		
								Sand	m3	0.470	1639.91	770.76		
							3475.00					6689.78		10164.78
	Ka	In 1:3:6	m3	Skl.	0.300	1050.00	315.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.940	1534.07	1442.03		
								Sand	m3	0.470	2770.18	1301.98		
							3475.00					7221.01		10696.01
	Ka	In 1:3:6	m3	Skl.	0.300	1050.00	315.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.940	1534.07	1442.03		
								Sand	m3	0.470	3736.82	1756.31		
							3475.00					7675.33		11150.33
	Kha	In 1:2:4	m3	Skl.	0.300	1050.00	315.00	Cement	bag.	6.400	1017.50	6512.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.445	1639.91	729.76		
							3475.00					8607.08		12082.08
	Kha	In 1:2:4	m3	Skl.	0.300	1050.00	315.00	Cement	bag.	6.400	1017.50	6512.00		

				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.445	2770.18	1232.73		
							3475.00					9110.05		12585.05
Kha	In 1:2:4		m3	Skl.	0.300	1050.00	315.00	Cement	bag.	6.400	1017.50	6512.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.445	3736.82	1662.88		
							3475.00					9540.21		13015.21
7.02	Plain cement concrete work in wall, foundation etc.													
Ka	In 1:5:10		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	2.600	1017.50	2645.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	1639.91	770.76		
							4210.00					4781.58		8991.58
Ka	In 1:5:10		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	2.600	1017.50	2645.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	2770.18	1301.98		
							4210.00					5312.81		9522.81
Ka	In 1:5:10		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	2.600	1017.50	2645.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	3736.82	1756.31		
							4210.00					5767.13		9977.13
Kha	In 1:4:8		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	3.400	1017.50	3459.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	1639.91	770.76		
							4210.00					5595.58		9805.58
Kha	In 1:4:8		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	3.400	1017.50	3459.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	2770.18	1301.98		
							4210.00					6126.81		10336.81
Kha	In 1:4:8		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	3.400	1017.50	3459.50		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	3736.82	1756.31		
							4210.00					6581.13		10791.13
Ga	In 1:3:6		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	1639.91	770.76		
							4210.00					6613.08		10823.08
Ga	In 1:3:6		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	2770.18	1301.98		
							4210.00					7144.31		11354.31
Ga	In 1:3:6		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	4.400	1017.50	4477.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.890	1534.07	1365.32		
								Sand	m3	0.470	3736.82	1756.31		
							4210.00					7598.63		11808.63
Gha	In 1:2:4		m3	Skl.	1.000	1050.00	1050.00	Cement	bag.	6.400	1017.50	6512.00		
				Unskl.	4.000	790.00	3160.00	Aggregate	m3	0.850	1534.07	1303.96		

9.02	Ridge work with 26 swg coloured plain sheet	10 RM	Skilled	2.000	1050.00	2100.00	26 swg coloured plain sheet	m	12.000	1030.00	12360.00			
			Unskl.	3.000	790.00	2370.00	8mm bolt,nut	no.	12.000	217.99	2615.88			
						4470.00					14975.88		1944.6	
9.02	Ridge work with 26 swg plain sheet	10 RM	Skilled	2.000	1050.00	2100.00	26 swg plain sheet	m	12.000	566.50	6798.00			
			Unskl.	3.000	790.00	2370.00	8mm bolt,nut	no.	12.000	39.52	474.24			
						4470.00					7272.24		1174.2	
9.05	Roofing work with slate	10m2	Skilled	4.000	1050.00	4200.00	Slate	m2	24.000	494.61	11870.56			
			Unskl.	5.000	790.00	3950.00	Nails	no.			70.00			
						8150.00					11940.56		2009.1	
9.09	Roofing with local Khar													
Ka	with 8cm thick	10m2	Skilled	1.500	1050.00	1575.00	Khar	bndl.	83.000	7.00	581.00			
			Unskl.	1.500	790.00	1185.00	Bans	no.	30.000	290.00	8700.00			
							Dori	kg.	5.000	75.00	375.00			
						2760.00					9656.00		1241.6	
Kha	With 15 cm thick	10m2	Skilled	2.000	1050.00	2100.00	Khar	bun.	166.000	7.00	1162.00			
			Unskl.	2.000	790.00	1580.00	Bans	no.	40.000	290.00	11600.00			
							Dori	kg.	5.000	75.00	375.00			
						3680.00					13137.00		1681.7	
F14	Roofing work with Corrugated Fibar Glass Sheet													
		10m2	Skilled	1.100	1050.00	1155.00	1.2 mm Fibar Glass Sheet	m2	12.000	1349.30	16191.60			
			Unskl.	1.250	790.00	987.50	8 mm nut bolt	no.	30.000	5.15	154.50			
							J hook	no.	25.000	22.88	572.00			
							Bitumen Washer	no.	55.000	0.40	21.74			
						2142.50					16939.84		1908.2	
F15	Ridge work with plain fibar glass sheet	10 m	Skilled	2.000	1050.00	2100.00	1.2 mm Plain Fibar Sheet	m	12.000	1349.30	16191.60			
			Unskl.	3.000	790.00	2370.00	nut bolt	l.s.			160.00			
						4470.00					16351.60		2082.2	
F21	Wood work for truss all complete with sal wood	m3	Skilled	17.650	1050.00	18532.50	Sal wood	m3	1.050	197457.64	207330.52			
			Unskl.	26.000	790.00	20540.00	nut bolt	l.s.			100.00			
							Nails	l.s.			50.00			
							Iron Plate	l.s.			150.00			
						39072.50					207630.52		246703.02	
F21	Wood work for truss all complete with Local Hard wood	m3	Skilled	17.650	1050.00	18532.50	Local hard wood	m3	1.050	27026.77	28378.11			
			Unskl.	26.000	790.00	20540.00	nut bolt	l.s.			100.00			
							Nails	l.s.			50.00			
							Iron Plate	l.s.			150.00			
						39072.50					28678.11		67750.61	
F23	Roofing work with 3 mm thick UPVC Sheet													
		10m2	Skilled	1.500	1050.00	1575.00	3 mm UPVC sheet	m2	12.000	1072.00	12864.00			
			Unskl.	1.000	790.00	790.00	Clip	no.	14.000	7.32	102.48			

								handle	no.	2.000	23.69	47.38			
								Screw				10.00			
							10161.00					10639.08		20800.08	9327.4
10.04	4 mm thick glass shutter with 38mm*75mm local hard wood frame	2.23m2	Skl.	9.000	1050.00	9450.00		Local hard wood	m3	0.049	27026.77	1324.31			
			Unskl.	0.900	790.00	711.00		4mm glass	m2	1.085	592.25	642.59			
	1.829m*1.22m							75mm kabja	no.	8.000	18.54	148.32			
								100mm chheskini	no.	4.000	28.84	115.36			
								handle	no.	2.000	23.69	47.38			
								Screw				10.00			
							10161.00					2287.96		12448.96	5582.5
10.05	5 mm thick glass shutter with 38mm*75mm sal wood frame	2.23 m2	Skl.	9.000	1050.00	9450.00		Sal wood	m3	0.049	197457.64	9675.42			
			Unskl.	0.900	790.00	711.00		5mm glass	m2	1.085	659.20	715.23			
	1.829m*1.22							75mm kabja	no.	8.000	18.54	148.32			
								100mm chheskini	no.	4.000	28.84	115.36			
								handle	no.	2.000	23.69	47.38			
								Screw				10.00			
							10161.00					10711.72		20872.72	9487.6
10.05	5 mm thick glass shutter with 38mm*75mm local hard wood frame	2.23 m2	Skl.	9.000	1050.00	9450.00		Local hard wood	m3	0.049	27026.77	1324.31			
			Unskl.	0.900	790.00	711.00		5mm glass	m2	1.085	659.20	715.23			
	1.829m*1.22							75mm kabja	no.	8.000	18.54	148.32			
								100mm chheskini	no.	4.000	28.84	115.36			
								handle	no.	2.000	23.69	47.38			
								Screw				10.00			
							10161.00					2360.60		12521.60	5691.6
10.06	6 mm thick glass shutter with 38mm*75mm Sal wood frame	2.23 m2	Skl.	9.000	1050.00	9450.00		Sal wood	m3	0.049	197457.64	9675.42			
			Unskl.	0.900	790.00	711.00		5mm glass	m2	1.085	659.20	715.23			
	1.829m*1.22							75mm kabja	no.	8.000	18.54	148.32			
								100mm chheskini	no.	4.000	28.84	115.36			
								handle	no.	2.000	23.69	47.38			
								Screw				10.00			
							10161.00					10711.72		20872.72	9487.6
10.07	Both side 3 mm commercial ply wood false shutter with 38 mm thick local hard wood frame	2.245m2	Skl.	7.000	1050.00	7350.00		Local hard wood	m3	0.035	27026.77	935.13			
			Unskl.	0.700	790.00	553.00		3mm commercial ply wood	m2	4.650	252.35	1173.43			
	1.092m*2.058							100mm kabja	no.	3.000	28.84	86.52			
								150mm chheskini	no.	2.000	35.02	70.04			
								Mortice lock	no.	1.000	810.61	810.61			
								Screw				10.00			
							7903.00					3085.72		10988.72	4994.9
10.08	Both side 3 mm teak ply wood false shutter with 38 mm thick local hard wood frame	2.245m2	Skl.	7.000	1050.00	7350.00		Local hard wood	m3	0.035	27026.77	935.13			
			Unskl.	0.700	790.00	553.00		3 mm teak ply	m2	4.650	401.70	1867.91			
	1.092m*2.058							100mm kabja	no.	3.000	28.84	86.52			

	10.18	Wood work for truss with local hard wood all complete	m3	Skl.	17.650	1050.00	18532.50	Local hard wood	m3	1.050	27026.77	28378.11		
				Unskl.	26.000	790.00	20540.00	Nails				120.00		
							39072.50					28498.11		67570.61
	10.19	Wood work for 25mm thick eaves board w/ Sal wood all complete	10m2	Skl.	1.430	1050.00	1501.50	Sal wood	m3	0.275	197457.64	54300.85		
				Unskl.	0.143	790.00	112.97	Nails				112.99		
							1614.47					54413.84		56028.31
	10.19	Wood work for 25mm thick eaves board w/ local hardwood complete	10m2	Skl.	1.430	1050.00	1501.50	Local hard wood	m3	0.275	27026.77	7432.36		
				Unskl.	0.143	790.00	112.97	Nails				112.99		
							1614.47					7545.35		9159.82
	10.21	Fixing of 16mm to 20mm dia. ms bar for chaukat all complete	mt	Skl.	20.000	1050.00	21000.00	Bar	mt	1.050	105492.00	110766.60		
				Unskl.	20.000	790.00	15800.00							
							36800.00					110766.60		147566.60
11	Flooring work													
	11.01	1:2:4 cement concrete flooring work with cement punning												
	Ka	25 mm thick	10m2	Skl.	1.100	1050.00	1155.00	Cement	bag	1.800	1017.50	1831.50		
				Unskl.	1.500	790.00	1185.00	Sand	m3	0.120	2770.18	332.42		
								Aggregate	m3	0.230	1534.07	352.84		
							2340.00					2516.76		4856.76
	Ka	25 mm thick	10m2	Skl.	1.100	1050.00	1155.00	Cement	bag	1.800	1017.50	1831.50		
				Unskl.	1.500	790.00	1185.00	Sand	m3	0.120	1639.91	196.79		
								Aggregate	m3	0.230	1534.07	352.84		
							2340.00					2381.13		4721.13
	Ka	25 mm thick	10m2	Skl.	1.100	1050.00	1155.00	Cement	bag	1.800	1017.50	1831.50		
				Unskl.	1.500	790.00	1185.00	Sand	m3	0.120	3736.82	448.42		
								Aggregate	m3	0.230	1534.07	352.84		
							2340.00					2632.75		4972.75
	Kha	38 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	2.600	1017.50	2645.50		
				Unskl.	2.000	790.00	1580.00	Sand	m3	0.180	2770.18	498.63		
								Aggregate	m3	0.360	1534.07	552.27		
							2892.50					3696.40		6588.90
	Kha	38 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	2.600	1017.50	2645.50		
				Unskl.	2.000	790.00	1580.00	Sand	m3	0.180	1639.91	295.18		
								Aggregate	m3	0.360	1534.07	552.27		
							2892.50					3492.95		6385.45
	Kha	38 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	2.600	1017.50	2645.50		
				Unskl.	2.000	790.00	1580.00	Sand	m3	0.180	3736.82	672.63		
								Aggregate	m3	0.360	1534.07	552.27		
							2892.50					3870.39		6762.89
	Ga	50 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	3.400	1017.50	3459.50		
				Unskl.	2.500	790.00	1975.00	Sand	m3	0.230	2770.18	637.14		
								Aggregate	m3	0.460	1534.07	705.67		
							3287.50					4802.31		8089.81
	Ga	50 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	3.400	1017.50	3459.50		

				Unskl.	2.500	790.00	1975.00	Sand	m3	0.230	1639.91	377.18				
								Aggregate	m3	0.460	1534.07	705.67				
							3287.50					4542.35		7829.85	782.99	
Ga	50 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	3.400	1017.50	3459.50					
				Unskl.	2.500	790.00	1975.00	Sand	m3	0.230	3736.82	859.47				
								Aggregate	m3	0.460	1534.07	705.67				
							3287.50					5024.64		8312.14	831.21	
Gha	75 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	5.200	1017.50	5291.00					
				Unskl.	3.000	790.00	2370.00	Sand	m3	0.340	2770.18	941.86				
								Aggregate	m3	0.680	1534.07	1043.17				
							3682.50					7276.03		10958.53	1095.85	
Gha	75 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	5.200	1017.50	5291.00					
				Unskl.	3.000	790.00	2370.00	Sand	m3	0.340	1639.91	557.57				
								Aggregate	m3	0.680	1534.07	1043.17				
							3682.50					6891.74		10574.24	1057.42	
Gha	75 mm thick	10m2	Skl.	1.250	1050.00	1312.50	Cement	bag	5.200	1017.50	5291.00					
				Unskl.	3.000	790.00	2370.00	Sand	m3	0.340	3736.82	1270.52				
								Aggregate	m3	0.680	1534.07	1043.17				
							3682.50					7604.69		11287.19	1128.72	
H22	100 mm thick Heavy duty Interlocking Concrete Block paving with 50 mm thick Crusier dust	10m2	Skl.	1.000	1050.00	1050.00	Inter Locking Block	m2	11.000	1000.00	11000.00				1 Block=0 .045 m2	
				Unskl.	10.000	790.00	7900.00	Cruser Dust	m2	0.550		0.00				
								Cruser Dust	m3	0.710	2770.18	1966.83				
							8950.00					12966.83		21916.83	2191.7	
11.04	20 mm thick Mosaic Flooring with 6 mm marble chips over 12.5 mm thick 1:2 cement plaster including police,Rub etc. all complete	10m2	Skl.	3.500	1050.00	3675.00	Cement	bag	1.780	1017.50	1811.15					
				Unskl.	36.000	790.00	28440.00	Sand	m3	0.122	2770.18	337.96				
								3 no. marble chips	kg	0.061	19.57	1.19				
								White cement	kg	89.000	37.99	3381.11				
								Aczalic Acid	kg	0.370	216.30	80.03				
								Main Police	kg	0.118	782.80	92.37				
								Tarpentine	ltr	0.538	147.99	79.62				
								Carborandom Stone	pc	3.000	216.30	648.90				
							32115.00					6432.34		38547.34	3854.7	
11.05	20 mm Terrazo Tile work with 20mm thick, 1:4 cement sand work including rub,police etc. all complete	10m2	Skl.	2.000	1050.00	2100.00	Cement	bag	1.620	1017.50	1648.35					
	(Increase 13.5 times labour when machine is not available)			Unskl.	8.000	790.00	6320.00	Sand	m3	0.220	2770.18	609.44				
								20mm Terrazo Tile	m2	11.000	705.55	7761.05				Rough
								White cement	kg	89.000	37.99	3381.11				
								Aczalic Acid,power	kg	0.370	216.30	80.03				
								Main Police	kg	0.118	782.80	92.37				
								Tarpentine	ltr	0.538	147.99	79.62				
								Carborandom Stone	pc	3.000	592.25	1776.75				
								Rubbing Mashine	hr	6.000	68.75	412.50				

							8420.00					15841.22		2426.1
11.06	25 mm thick marble (450*450 mm) work with 20mm thick, 1:2 cement sand work including rub,police etc. all complete	10m2	Skl.	2.000	1050.00	2100.00		Cement	bag	1.620	1017.50	1648.35		
	(Increase 13.5 times labour when machine is not available)		Unskl.	8.000	790.00	6320.00		Sand	m3	0.220	1639.91	360.78		
								25 mm thick marble	m2	11.000	1534.70	16881.70		Rough
								White cement	kg	89.000	37.99	3381.11		
								Aczalic Acid,power	kg	0.370	216.30	80.03		
								Main Police	kg	0.118	782.80	92.37		
								Tarpentine	ltr	0.538		0.00		
								Carborandom Stone	pc	3.000	216.30	648.90		
								Rubbing Mashine	hr	6.000	74.03	444.18		
							8420.00					23537.42	31957.42	3195.7
11.07	Porcelain Glazed Tile (Floor Tile) work with 1:4 cement sand	10m2	Skl.	13.000	1050.00	13650.00		Cement	bag	1.120	1017.50	1139.60		
			Unskl.	4.500	790.00	3555.00		Sand	m3	0.152	2770.18	421.07		
								Porcelain Glazed Tile	m2	11.000	656.40	7220.40		Smooth
								White cement	kg	3.228	37.99	122.63		
							17205.00					8903.70	26108.70	2610.9
H36	Marble nozzing work in Staircase all complete (Additional Labour)	10m2	Skl.	2.500	1050.00	2625.00								
			Unskl.	3.500	790.00	2765.00								
							5390.00						5390.00	539
H38	12 mm thick 100 mm high wooden skirting work all complete	10m2	Skl.	6.500	1050.00	6825.00		Readymade parket	m2	10.000	324.32	3243.21		
			Unskl.	0.650	790.00	513.50		Gum	kg	1.000	152.99	152.99		
							7338.50					3396.20	10734.70	1073.5
H39	12 mm thick 100 mm high Non Glazed Tile skirting work with 1:6 cement sand mortar all complete	RM	Skl.	0.150	1050.00	157.50		Cement	mt	0.001	1017.50	1.02		
			Unskl.	0.100	790.00	79.00		Sand	m3	0.003	1639.91	4.92		
								Non Glazed Tile	m2	0.110	648.90	71.38		
								Epoxy Grout Pigment	l.s.			75.00		
							236.50					152.32	388.82	38.882
11.08	Flag stone Paving work all complete													
Ka	50 mm thick in 1:4 cement mortar	10m2	Skl.	2.00	1050.00	2100.00		50mm F/Stone	m2	11.000	505.04	5555.44		
			Unskl.	4.50	790.00	3555.00		Cement	bag	1.260	1017.50	1282.05		
								Sand	m3	0.171	2770.18	473.70		
							5655.00					7311.19	12966.19	1296.62
Kha	50 mm thick Paving Stone in sand	10m2	Skl.	1.00	1050.00	1050.00		50mm F/Stone	m2	11.000	505.04	5555.44		
			Unskl.	3.00	790.00	2370.00		Cement	bag					
								Sand	m3	0.710	2770.18	1966.83		
							3420.00					7522.27	10942.27	1094.22
11.09	37.5 mm thick Flage Stone In 1:4 cement mortar	10m2	Skl.	2.00	1050.00	2100.00		37.5 mm F/Stone	m2	11.000	580.05	6380.55		
			Unskl.	4.50	790.00	3555.00		Cement	kg	1.200	1017.50	1221.00		
								Sand	m3	0.165	3736.82	616.58		
							5655.00					8218.13	13873.13	1387.31

11.10	25mm thick Flage Stone In 1:4 cement mortar	10m3	Skl.	1.50	1050.00	1575.00	25mm thick stone	m3	11.000	430.02	4730.22		
			Unskl.	4.50	790.00	3555.00	Cement	bag	1.120	1017.50	1139.60		
							Sand	m3	0.152	3736.82	568.00		
						5130.00					6437.82	11567.82	1156.78
11.15	Brick Paving work												
ka	Horizontal	10 m2	Skl.	0.50	1050.00	525.00	Brick	no.	420.000	26.83	11268.60		
			Unskl.	1.00	790.00	790.00	Sand	m3	0.710	2770.18	1966.83		
						1315.00					13235.43	14550.43	1213.54
kha	Vertical	10 m2	Skl.	1.00	1050.00	1050.00	Brick	no.	750.000	26.83	20122.50		
			Unskl.	3.25	790.00	2567.50	Sand	m3	0.710	2770.18	1966.83		
						3617.50					35324.76	38942.26	3894.23
11.16	Dry Stone Paving work	m3	Skl.	1.00	1050.00	1050.00	Stone	m3	1.100	1564.59	1721.05		
			Unskl.	3.50	790.00	2765.00	Sand	m3	0.710	2770.18	1966.83		
						3815.00					3687.88	7502.88	
11.16	Dry Stone Paving work	m3	Skl.	1.00	1050.00	1050.00	Stone	m3	1.100	1564.59	1721.05		
			Unskl.	3.50	790.00	2765.00	Sand	m3	0.710	3736.82	2653.14		
						3815.00					4374.19	8189.19	
11.20	3mm thick cement punning	10m2	Skl.	1.000	1050.00	1050.00	Cement	Bag	1.060	1017.50	1078.55		
			Unskl.	1.000	790.00	790.00							
						1840.00					1078.55	2918.55	291.86
12	Plaster work												
12.01	Cement Sand Plaster												
Ka	12.5mm thick, in 1:2	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	18.000	917.50	16515.00		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.220	2770.18	3379.62		
						25240.00					19894.62	45134.62	451.35
Ka	12.5mm thick, in 1:2	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	18.000	917.50	16515.00		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.220	1639.91	2000.69		
						25240.00					18515.69	43755.69	437.56
Ka	12.5mm thick, in 1:2	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	18.000	917.50	16515.00		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.220	3736.82	4558.92		
						25240.00					21073.92	46313.92	463.14
Kha	12.5mm thick, in 1:3	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	12.500	917.50	11468.75		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.280	2770.18	3545.83		
						25240.00					15014.58	40254.58	402.55
Kha	12.5mm thick, in 1:3	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	12.500	917.50	11468.75		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.280	1639.91	2099.08		
						25240.00					13567.83	38807.83	388.08
Kha	12.5mm thick, in 1:3	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	12.500	917.50	11468.75		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.280	3736.82	4783.13		
						25240.00					16251.88	41491.88	414.92
Ga	12.5mm thick, in 1:4	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	10.760	917.50	9872.30		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.460	2770.18	4044.46		
						25240.00					13916.76	39156.76	391.57
Ga	12.5mm thick, in 1:4	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	10.760	917.50	9872.30		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.460	1639.91	2394.27		
						25240.00					12266.57	37506.57	375.07
Ga	12.5mm thick, in 1:4	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	10.760	917.50	9872.30		
			Unskl.	16.000	790.00	12640.00	Sand	m3	1.460	3736.82	5455.76		

						25240.00						15328.06		40568.06	405.68
	Gha	12.5mm thick, in 1:6	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	7.640	917.50	7009.70			
				Unskl.	16.000	790.00	12640.00	Sand	m3	1.570	2770.18	4349.18			
							25240.00					11358.88		36598.88	365.99
	Gha	12.5mm thick, in 1:6	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	7.640	917.50	7009.70			
				Unskl.	16.000	790.00	12640.00	Sand	m3	1.570	1639.91	2574.66			
							25240.00					9584.36		34824.36	348.24
	Gha	12.5mm thick, in 1:6	100m2	Skl.	12.000	1050.00	12600.00	Cement	Bag	7.640	917.50	7009.70			
				Unskl.	16.000	790.00	12640.00	Sand	m3	1.570	3736.82	5866.81			
							25240.00					12876.51		38116.51	381.17
12.04	Cement Sand Plaster														
	Ka	20mm thick, in 1:3	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	19.200	917.50	17616.00			
				Unskl.	19.000	790.00	15010.00	Sand	m3	1.950	2770.18	5401.85			
							29710.00					23017.85		52727.85	527.28
	Ka	20mm thick, in 1:3	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	19.200	917.50	17616.00			
				Unskl.	19.000	790.00	15010.00	Sand	m3	1.950	1639.91	3197.82			
							29710.00					20813.82		50523.82	505.24
	Ka	20mm thick, in 1:3	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	19.200	917.50	17616.00			
				Unskl.	19.000	790.00	15010.00	Sand	m3	1.950	3736.82	7286.80			
							29710.00					24902.80		54612.80	546.13
	Kha	20mm thick, in 1:4	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	16.200	917.50	14863.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.200	2770.18	6094.40			
							29710.00					20957.90		50667.90	506.68
	Kha	20mm thick, in 1:4	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	16.200	917.50	14863.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.200	1639.91	3607.80			
							29710.00					18471.30		48181.30	481.81
	Kha	20mm thick, in 1:4	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	16.200	917.50	14863.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.200	3736.82	8221.00			
							29710.00					23084.50		52794.50	527.95
	Ga	20mm thick, in 1:6	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	11.400	917.50	10459.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.350	2770.18	6509.92			
							29710.00					16969.42		46679.42	466.79
	Ga	20mm thick, in 1:6	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	11.400	917.50	10459.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.350	1639.91	3853.79			
							29710.00					14313.29		44023.29	440.23
	Ga	20mm thick, in 1:6	100m2	Skl.	14.000	1050.00	14700.00	Cement	Bag	11.400	917.50	10459.50			
				Unskl.	19.000	790.00	15010.00	Sand	m3	2.350	3736.82	8781.53			
							29710.00					19241.03		48951.03	489.51
12.05	2.5cm thick mud plaster work all complete		100m2	Skl.	20.000	1050.00	21000.00	Clay	m3	3.000	917.50	2752.50			
				Unskl.	25.000	790.00	19750.00	Bhusa	kg	100.000	4.00	400.00			
								Gobar	kg	120.000	0.00	0.00			
							40750.00					3152.50		43902.50	439.03
13	Painting work														
	13.01	White wash painting on new surface													
	Ka	First coat	100m2	Skl.	0.800	1050.00	840.00	Chuna	kg	12.000	34.27	411.24			
				Unskl.	0.700	790.00	553.00	Fevicol	kg	0.480	156.27	75.01			
							1393.00					486.25		1879.25	18.79
	Kha	Second coat	100m2	Skl.	1.500	1050.00	1575.00	Chuna	kg	22.000	34.27	753.94			0.00

				Unskl.	1.100	790.00	869.00	Fevicol	kg	0.880	156.27	137.52			0.00
							2444.00					891.46		3335.46	33.35
	Ga	Third coat	100m2	Skl.	3.000	1050.00	3150.00	Chuna	kg	32.000	34.27	991.74			
				Unskl.	2.700	790.00	2133.00	Fevicol	kg	1.280	156.27	195.83			
							5283.00					1187.57		6470.57	64.71
13.01		Snowcem Painting on new surface													
	Ka	First coat	100m2	Skl.	0.800	1050.00	840.00	Snowcem paint	kg	12.000	76.27	915.24			
				Unskl.	0.700	790.00	553.00	Fevicol	kg	0.480	156.27	75.01			
							1393.00					990.25		2383.25	23.83
	Kha	Second coat	100m2	Skl.	0.800	1050.00	840.00	Snowcem paint	kg	22.000	76.27	1677.94			
				Unskl.	0.700	790.00	553.00	Fevicol	kg	0.880	156.27	137.52			
							1393.00					1815.46		3208.46	32.08
	Ga	Third coat	100m2	Skl.	0.800	1050.00	840.00	Snowcem paint	kg	32.000	76.27	2440.64			
				Unskl.	0.700	790.00	553.00	Fevicol	kg	1.280	156.27	200.03			
							1393.00					2640.67		4033.67	40.34
13.02		White washing work in old surface	100m2	Skl.	0.800	1050.00	840.00	Chuna	kg	10.000	34.27	342.70			
				Unskl.	0.700	790.00	553.00	Gum	kg	0.400	152.99	61.20			
							1393.00					403.90		1796.90	17.97
13.03		Distemper Painting													
	Ka	Aster coat	100m2	Skl.	2.000	1050.00	2100.00	Aster	ltr.	8.000	381.27	3050.16			
				Unskl.	2.000	790.00	1580.00								
							3680.00					3050.16		6730.16	67.30
	Kha	First coat	100m2	Skl.	2.000	1050.00	2100.00	Destemper	kg.	6.500	161.27	1048.26			
				Unskl.	2.000	790.00	1580.00								
							3680.00					1048.26		4728.26	47.28
	Ga	Second coat and additional	100m2	Skl.	1.800	1050.00	1890.00	Destemper	kg.	5.000	161.27	806.35			
				Unskl.	1.800	790.00	1422.00								
							3312.00					806.35		4118.35	41.18
13.04		Water proof Cement Painting													
	Ka	First coat	100m2	Skl.	1.700	1050.00	1785.00	w.p. cement paint	kg	30.000	51.27	1538.10			
				Unskl.	1.700	790.00	1343.00								
							3128.00					1538.10		4666.10	46.66
	Kha	Second coat	100m2	Skl.	5.000	1050.00	5250.00	w.p. cement paint	kg	48.500	51.27	2327.61			
				Unskl.	5.000	790.00	3950.00								
							9200.00					2327.61		11527.61	115.28
13.05		Readymade Enamel Painting													
	Ka	Aster coat	100m2	Skl.	3.000	1050.00	3150.00	Aster	ltr.	8.100	381.27	3088.29			
				Unskl.	3.000	790.00	2370.00								
							5520.00					3088.29		8608.29	86.08
	Kha	First coat	100m2	Skl.	5.000	1050.00	5250.00	Enamel	ltr.	9.000	531.27	4781.43			
				Unskl.	2.000	790.00	1580.00								
							6830.00					4781.43		11611.43	116.11
	Ga	Second coat	100m2	Skl.	4.000	1050.00	4200.00	Enamel	ltr.	7.000	531.27	3718.89			
				Unskl.	3.000	790.00	2370.00								
							6570.00					3718.89		10288.89	102.89
13.06		One coat aster+two coat readymade aluminium paint	100m2	Skl.	10.750	1050.00	11287.50	Aster	ltr.	8.100	381.27	3088.29			

				Unskl.	10.750	790.00	8492.50	Alumin. p.	ltr.	10.760	666.27	7169.07			
								Khaksi	no.	4.000	7.99	31.96			
							19780.00					10289.31		30069.31	300.69
13.10	Alkatra (Bitumen) Painting														
Ka	First coat	100m2	Skl.	1.500	1050.00	1575.00	Alkatra	ltr.	7.000	216.27	1513.89				
			Unskl.	1.000	790.00	790.00									
						2365.00						1513.89		3878.89	38.79
Kha	Second coat	100m2	Skl.	2.500	1050.00	2625.00	Alkatra	ltr.	12.000	216.27	2595.24				
			Unskl.	2.000	790.00	1580.00									
						4205.00						2595.24		6800.24	68.00
13.12	Snowcem Painting work over plastered surface														
Ka	First coat	100m2	Skl.	3.500	1050.00	3675.00	Snowcem paint	kg.	30.000	76.27	2288.10				
			Unskl.	3.500	790.00	2765.00									
						6440.00						2288.10		8728.10	87.28
Kha	Second coat	100m2	Skl.	3.000	1050.00	3150.00	Snowcem paint	kg.	20.000	72.99	1459.80				
			Unskl.	3.000	790.00	2370.00									
						5520.00						1459.80		6979.80	69.80
13.12	Weather coat Painting work over plastered surface														
Ka	First coat	100m2	Skl.	3.500	1050.00	3675.00	Weather Proof Paint	kg.	30.000	931.27	27938.10				
			Unskl.	3.500	790.00	2765.00									
						6440.00						27938.10		34378.10	343.78
Kha	Second coat	100m2	Skl.	3.000	1050.00	3150.00	Weather Proof Paint	kg.	20.000	931.27	18559.84				
			Unskl.	3.000	790.00	2370.00									
						5520.00						18559.84		24079.84	240.80
14	Pointing work														
14.01	Cement Pointing work in Brick Masonary														
Ka	In 1:1	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	6.320	1017.50	6430.60				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.220	2770.18	609.44				
						20505.00						7040.04		27545.04	275.45
Ka	In 1:1	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	6.320	1017.50	6430.60				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.220	1639.91	360.78				
						20505.00						6791.38		27296.38	272.96
Ka	In 1:1	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	6.320	1017.50	6430.60				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.220	3736.82	822.10				
						20505.00						7252.70		27757.70	277.58
Kha	In 1:2	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	4.200	1017.50	4273.50				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.290	2770.18	803.35				
						20505.00						5076.85		25581.85	255.82
Kha	In 1:2	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	4.200	1017.50	4273.50				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.290	1639.91	475.57				
						20505.00						4749.07		25254.07	252.54
Kha	In 1:2	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	4.200	1017.50	4273.50				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.290	3736.82	1083.68				
						20505.00						5357.18		25862.18	258.62
Ga	In 1:3	100m2	Skl.	10.500	1050.00	11025.00	Cement	bag.	3.100	1017.50	3154.25				
			Unskl.	12.000	790.00	9480.00	Sand	m3	0.320	2770.18	886.46				

18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.250	1017.50	2289.38			
			Unskl.	1.250	790.00	987.50	Sand	m3	0.113	2770.18	313.03			
							Aggregate	m3	0.250	1534.07	383.52			
							Water proof comp.	kg.	2.250	192.99	434.23			
						2037.50					3420.15		5457.65	545.77
18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.250	1017.50	2289.38			
			Unskl.	1.250	790.00	987.50	Sand	m3	0.113	1639.91	185.31			
							Aggregate	m3	0.250	1534.07	383.52			
							Water proof comp.	kg.	2.250	192.99	434.23			
						2037.50					3292.43		5329.93	532.99
18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.250	1017.50	2289.38			
			Unskl.	1.250	790.00	987.50	Sand	m3	0.113	3736.82	422.26			
							Aggregate	m3	0.250	1534.07	383.52			
							Water proof comp.	kg.	2.250	192.99	434.23			
						2037.50					3529.38		5566.88	556.69
18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.400	1017.50	2442.00			
			Unskl.	2.000	790.00	1580.00	Sand	m3	0.170	2770.18	470.93			
							Aggregate	m3	0.340	1534.07	521.58			
							Water proof comp.	kg.	2.880	192.99	555.81			
						2630.00					3990.33		6620.33	662.03
18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.400	1017.50	2442.00			
			Unskl.	2.000	790.00	1580.00	Sand	m3	0.170	1639.91	278.78			
							Aggregate	m3	0.340	1534.07	521.58			
							Water proof comp.	kg.	2.880	192.99	555.81			
						2630.00					3798.18		6428.18	642.82
18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2	Skl.	1.000	1050.00	1050.00	Cement	bag	2.400	1017.50	2442.00			
			Unskl.	2.000	790.00	1580.00	Sand	m3	0.170	3736.82	635.26			
							Aggregate	m3	0.340	1534.07	521.58			
							Water proof comp.	kg.	2.880	192.99	555.81			
						2630.00					4154.65		6784.65	678.47
19	Dismantelling and Maintenance													
19.01	Stone masonry work with mud mortar	m3	Unskl.	1.060	790.00	837.40							837.40	
19.02	Stone masonry work with cement mortar	m3	Unskl.	2.120	790.00	1674.80							1674.80	
19.03	R.C.C. or R.B.C. work	m3	Unskl.	11.000	790.00	8690.00							8690.00	
19.04	P.C.C. work	m3	Unskl.	4.000	790.00	3160.00							3160.00	
19.05	Cement plaster work	m2	Unskl.	0.108	790.00	85.32							85.32	
24	Other Iron work													
24.06	Barbed wiring work all complete	100 rm	Skl.	1.076	1050.00	1129.80	Barbed wire 10/12	m	110.000	17.57	1932.73			

M15	Heavy Duty GI Pipe Railing Work (40 mm dia. Heavy Duty GI Pipe Vertical post and 2 layer 25 mm dia. Heavy Duty GI Pipe Horizontal member on 40 mm dia. Heavy Duty GI Pipe handrail) all complete	9.15 m2	Skl.	7.780	1050.00	8169.00	40 mm Heavy Duty GI Pipe	m	1.490	610.22	909.23			
			Unskl.	11.350	790.00	8966.50	25 mm Heavy Duty GI Pipe	m	20.000	409.60	8191.99			
						17135.50	Gas Welding	m2	9.150		350.00			
											9451.22		26586.72	2905.65
TB 150	Wiremesh Net for Fencing	1.2m2	Skl.	0.240	547.00	131.28	GI Wire dia. 3.25 mm (10 SWG)	m	1.490	122.99	183.26			
	Width : 1.20 m (Heavy Coated) Mesh Size : 60mm*60mm Chain link GI Wire dia. : 3.15 mm (10 SWG)		Unskl.	0.120	517.00	62.04	(Factory Labour Rate)							
						193.32					183.26		376.58	313.82

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal

Summary Rates (General)

(Fiscal Year : 2079/2080)

S.N.	Nr.no.	Particulars	Unit	Rate/Unit	Remarks
0	1	2	3	4	5
1	Preparation of Construction Site				
	1.01	Cutting of trees etc. allcomplete and transportation upto 15m			
	Ka	12 cm to 30 cm circemference	per	102.70	
	Kha	21 cm to 60 cm circemference	per	308.10	
	Ga	61 cm to 90 cm circemference	per	774.20	
	Gha	91 cm to 120 cm circemference	per	774.20	
	Na	121 cm to 180 cm circemference	per	3160.00	
	Cha	181 cm to 240 cm circemference	per	3160.00	
	Chha	241cm to 300 cm circemference	per	8216.00	
	Ja	More than 301 cm circemference	per	32919.30	
	1.02	Uprooting of tree with transportation upto 15m			
	Ka	12cm to 30cm circumference	per	316.00	
	Kha	31cm to 60cm circumference	per	418.70	
	Ga	61cm to 90cm circumference	per	1990.80	
	Gha	91cm to 120cm circumference	per	1990.80	
	Na	121cm to 180cm circumference	per	9480.00	
	Cha	181cm to240cm circumference	per	9480.00	
	Chha	241cm to 300cm circumference	per	23384.00	
	1.03	Cutting,uprooting etc. of plants for 100m2 above and 15 plants_Dense	m2	31.60	
	1.04	Cutting,uprooting etc. of plants for 100m2 upto and 15 plants_none Dense	m2	23.70	
	1.05	Cutting,uprooting etc. of plants and levelling etc. all complete	m2	18.17	
	1.06	Cutting,uprooting etc. of bamboo all complete	m3	2212.00	
	1.07	Surface dressing work all complete	m2	7.90	
	1.08	Cutting of top soil (15-20cm) work	m2	126.40	
	1.09	Keep top soil in Slope	m3	31.60	
	1.10	Dressing,Compacting etc. all complete for top soil in slope	m3	7.90	
2	Rock/Soil work				
	2.01	Soft soil cutting work all complete	m3	569.59	
	2.00	Boulder mix soil cutting work all complete	m3	650.96	
	2.03	Removal of stone all complete	m3	813.70	
	2.04	Medium rock cutting work without blasting	m3	2441.10	
	2.06	Hard Rock Cutting Without Blasting			
	Ka	Without chisel	m3	4068.50	
	Kha	With chisel	m3	19691.54	
	2.09	Pit excavation in softt soil all complete	m3	813.70	
	2.10	Pit excavation in cracked and soft rock all complete	m3	2034.25	
	2.12	Ditch Cutting work in Hard Soil	m3	1017.13	
	2.14	Earthwork excavation in foundation,pipeline etc.all complete in boulder mix soil	m3	1293.78	
	2.15	Earthwork excavation in foundation,drain etc.all complete			
	Ka	In soft moorum stone	m3	2441.10	
	Kha	In medium hard rock w/o blasting	m3	3661.65	

		Earthwork excavation in foundation,Drain,Surung etc. all complete			
	Kha	With chisel	m3	20505.24	
	2.17	Box cutting work all complete			
	Ka	In soft soil	m3	634.69	
	Kha	In hard soil	m3	764.88	
	2.18	Box cutting work all complete in soft rock	m3	1627.40	
	2.19	Box cutting work all complete in medium rock	m3	2034.25	
	2.20	Earthwork excavation in foundation in gravel (>10cm dia.) mixed soil	m3	1375.15	
	2.21	Earthwork excavation in foundation in gravel (<10cm dia.) mixed soil	m3	1106.63	
	2.25	Filling with ordinary soil			
	Ka	Watering,compaction in layer (15 cm in each compaction) by labour	m3	406.85	
	kha	Compaction in layer(15 cm in each compaction) by labour excluding watering	m3	203.43	
	2.26	Filling with stones in layers (40 cm in each compaction) with labour	m3	813.70	
	2.27	Transportation of Materials additional each 10 m with 50% Tokari & 50 % Wheel Barrow	m3	97.64	
	2.28	Lifting of material each 1 m additional	m3	65.10	
	2.32	Planking and Shoring for deep foundation excavation	m3	406.85	
	2.33	Bottom Trimming for foundation excavation in rock	m3	496.36	
	2.35	Compaction of Soil			
	kha	Compaction work with 1 ton RCC Roller	100 m2	43126.10	
	2.36	Excavation for Staircase in soil, Slope < 50% with removal of cutting Soil			
	ka	Preparation of Soil Staircase all Complete in Soft soil	m2	146.47	
	kha	Preparation of Soil Staircase all Complete in hard soil	m2	227.84	
	2.37	Removal of boulder for earthwork excavation in boulder/gravel mixed soil (additional)	m3	585.86	
	2.38	Earthwork in excavation in hard & wet soil (additional)	m3	292.93	
	2.39	Back Filling for pipeline trench			
	Ka	In soft soil	m3	406.85	
	Kha	In medium soil	m3	447.54	
	Ga	In hard soil	m3	512.63	
	Gha	In gravel and boulder mix soil	m3	488.22	
	Na	In medium rock	m3	895.07	
	Cha	In hard rock	m3	341.75	
	2.45	Removal of Soil Erosion			
	Ka	In Ordinary soil	m3	341.75	
	Kha	In gravel and boulder mix soil	m3	431.26	
	Ga	In soft rock	m3	716.06	
	Gha	In hard rock	m3	895.07	
3	Local Material collection work				
	3.01	Collection,stacking etc. of Sand all complte with 10 m transportation			
	ka	Capacity of Quarry < 30%	m3	3694.20	
	kha	Capacity of Quarry 31 to 50%	m3	2807.27	
	ga	Capacity of Quarry 51 to 65%	m3	2034.25	
	gha	Capacity of Quarry > 65%	m3	1163.59	
	na	In hilly region with excavating	m3	1212.41	
	3.02	Collection,,stacking etc. of Gravel all complte with 10 m transportation			
	ka	5 mm to 70 mm	m3	2034.25	
	kha	5 mm to 40 mm	m3	3254.80	
	ga	5 mm to 20 mm	m3	4784.56	
	gha	5 mm to 80 mm	m3	8137.00	
	3.03	Collection,stacking etc. of Stone Gravel all complte with 10 m transportation			
	ka	40 mm to 70 mm	m3	4068.50	

	kha	70 mm to 100 mm	m3	3254.80	
	3.04	Collection,stacking etc. of necessary size of rubble Stone all complte with 10 m transportation	m3	1139.18	
	3.05	Breaking,Collection,stacking etc. of Stone all complte with 10 m transportation			
	ka	70 mm to 100 mm	m3	5695.90	
	kha	40 mm to 70 mm	m3	7323.30	
	ga	20 mm to 40 mm	m3	12205.50	
	gha	10 mm to 20 mm	m3	17494.55	
	na	5 mm to 10 mm	m3	23597.30	
	3.07	Preparing Block Stone from boulder (one side dressed) including transportation upto 10m & Stacking	m3	7835.93	
	3.08	Hammer dressed Block stone from Patre rock including transportation upto 10m & stacking	m3	4784.56	
	3.09	Preparing Block Stone from boulder with chisel including transportation upto 10m & Stacking			
	Ka	Three side rough, One side smooth	m3	16274.00	
	Kha	Square Block from boulder with chisel five side rough, One side smooth	m3	28056.38	
	3.11	Preparing Rubble (necessary size) with chisel including transportation upto 10 m & Stacking	m3	4475.35	
	3.12	Washing and Cleaning work			
	ka	Sand	m3	1627.40	
	kha	Breaking stone	m3	1423.98	
	ka	Rubble Stone	m3	406.85	
	ka	Gravel	m3	1423.98	
4	Preparation of Cement Sand Mortar for Masonary work with transportation				
	Ka	1:03 Mix	m3		
				10827.33	
	Kha	1:04 Mix	m3		
				9661.89	
	Ga	1:06 Mix	m3		
				8551.84	
	Gha	1:08 Mix	m3		
				8322.81	
5	Brick Masonary work, Chimeny Brick				
	5.01. Kha	With chimeny Brick			
	Kha.1	In 1:3 cement mortar	m3		
				21731.25	
	Kha.1	In 1:3 cement mortar	m3		
				21992.24	
	Kha.1	In 1:3 cement mortar	m3		
				21426.08	
	Kha.2	In 1:4 cement mortar	m3		
				21148.45	
	Kha.2	In 1:4 cement mortar	m3		
				20831.97	
	Kha.2	In 1:4 cement mortar	m3		
				21419.11	
	Kha.3	In 1:6 cement mortar	m3		
				20593.35	
	Kha.3	In 1:6 cement mortar	m3		
				20254.27	
	Kha.3	In 1:6 cement mortar	m3		

					20883.35
	5.20	Scaffolding for Brick Masonry work			
	ka	Ground Floor	m3		162.74
	kha	Other floor	m3		569.59
6	Stone (Rubble) Masonary work				
	6.01	Cement Mortar			
	Ka.1	In 1:3 cement mortar	m3		
					11882.71
	Ka.1	In 1:3 cement mortar	m3		
					12357.42
	Ka.1	In 1:3 cement mortar	m3		
					12763.41
	Ka.2	In 1:4 cement mortar	m3		
					11219.66
	Ka.2	In 1:4 cement mortar	m3		
					11728.28
	Ka.2	In 1:4 cement mortar	m3		
					12163.27
	Ka.3	In 1:6 cement mortar	m3		
					10173.91
	Ka.3	In 1:6 cement mortar	m3		
					10705.13
	Ka.3	In 1:6 cement mortar	m3		
					11159.45
	6.02	Mud Mortar			
	1	Dry stone masonry work	m3		
					4351.05
	2	Stone masonry work with mud mortar	m3		
					4713.07
	6.04	Dry stone masonry work for abutment filling	m3		
					2984.05
	6.05	Stone filling in foundation	m3		
					3062.51
7	Cement Concrete work				
	7.01	Plain cement concrete work in wall, foundation, abutment etc. (cyclopion or plum)			
	Ka	In 1:3:6	m3		
					10164.78
	Ka	In 1:3:6	m3		
					10696.01
	Ka	In 1:3:6	m3		
					11150.33
	Kha	In 1:2:4	m3		
					12082.08
	Kha	In 1:2:4	m3		
					12585.05
	Kha	In 1:2:4	m3		
					13015.21
	7.02	Plain cement concrete work in wall, foundation etc.			
	Ka	In 1:5:10	m3		
					8991.58
	Ka	In 1:5:10	m3		
					9522.81
	Ka	In 1:5:10	m3		

				9977.13	
	Kha	In 1:4:8	m3		
				9805.58	
	Kha	In 1:4:8	m3		
				10336.81	
	Kha	In 1:4:8	m3		
				10791.13	
	Ga	In 1:3:6	m3		
				10823.08	
	Ga	In 1:3:6	m3		
				11354.31	
	Ga	In 1:3:6	m3		
				11808.63	
	Gha	In 1:2:4	m3		
				12755.72	
	Gha	In 1:2:4	m3		
				13258.69	
	Gha	In 1:2:4	m3		
				13688.84	
	7.04	Plain cement concrete work in Superstructure,Deck slab,beam etc.			
	Ka	In 1:2:4	m3		
				15418.69	
	Ka	In 1:2:4	m3		
				14915.72	
	Ka	In 1:2:4	m3		
				15848.84	
	Kha	In 1:1.5:3	m3		
				16991.29	
	Kha	In 1:1.5:3	m3		
				16510.92	
	Kha	In 1:1.5:3	m3		
				17402.11	
	Ga	In 1:1:2	m3		
				21264.79	
	Ga	In 1:1:2	m3		
				20784.42	
	Ga	In 1:1:2	m3		
				21675.61	
	7.05	Bar bending,binding,cutting,placing etc. all complete for RCC work	mt		
				141194.90	141.19
8	Form work				
	8.02	Wooden form work all complete			
	Ka	For slab etc.	10m2		
				18334.86	916.74
	8.03	Wooden form work all complete			
	Ka	For column upto 2.0m	10m2		
				18334.86	916.74
	Kha	For column all complete, 2.0m to 3.0m	10m2		
				21311.67	1065.58
	Ga	For column all complete, 3.0m to 4.0m	10m2		
				19970.67	998.53
	8.04	Wooden form work all complete			
	Ka	For structure beam all complete, h = upto 30 cm	10m2		

				23546.67	1177.33
	Kha	For structure beam all complete, h = 30 cm to 80 cm	10m2		
				20570.17	1028.51
	Ga	For structure beam all complete,h = 80 cm to 120 cm	10m2		
				19970.67	998.53
9	Roofing work				
	9.01	With 26 swg Coloured C.G.I. (0.41 mm) sheet, heavy	10m2		
				17009.00	1700.90
	9.01	With 26 swg C.G.I. (0.41 mm) sheet, heavy	10m2		
				15123.78	1512.38
	9.02	Ridge work with 26 swg coloured plain sheet	10 RM		
				19445.88	1944.59
	9.02	Ridge work with 26 swg plain sheet	10 RM		
				11742.24	1174.22
	9.05	Roofing work with slate	10m2		
				20090.56	2009.06
	9.09	Roofing with local Khar			
	Ka	with 8cm thick	10m2		
				12416.00	1241.60
	Kha	With 15 cm thick	10m2		
				16817.00	1681.70
	F14	Roofing work with Corrugated Fibar Glass Sheet			
			10m2		
				19082.34	1908.23
	F15	Ridge work with plain fibar glass sheet	10 m		
				20821.60	2082.16
	F21	Wood work for truss all complete with sal wood	m3		
				246703.02	
	F21	Wood work for truss all complete with Local Hard wood	m3		
				67750.61	
	F23	Roofing work with 3 mm thick UPVC Sheet			
			10m2		
				16194.60	1619.46
	9.10	20mm thick wooden ceiling work with 40*20mm bidding joint	10m2		
				10280.28	1028.03
	N3	Wooden Barrier work with 38*75 mm thick and 0.61*0.915 m size Frame and Both side Commercial Ply wood all complete	35.58 m2		
				263237.97	7398.48
	N7	Wooden False Ceiling work with 50*75 mm thick and 0.60*0.90 m size Frame all complete			
		3 mm Commercial Ply wood	35.58 m2		
				52630.69	1479.22
		12 mm Hard board	35.58 m2		
				359082.06	10092.24
		6 mm water proof ply wood	35.58 m2		
				108927.67	3061.49
	N10	False Ceiling with Gypsum Board in GI Frame (Under RCC Slab)	10 m2		
				12765.00	1276.50
	N12	Metalized Polyoter Laminated Board Ceiling in GI Frame (Under CGI Roof)	10 m2		
				6509.60	650.96

	N17	Aluminium Partition work with 5 mm Glass & 9 mm laminated board, size 101*45*1100	10 m2		
				24411.00	2441.10
	N10	Aluminium Partition work with 5 mm Glass & 9 mm laminated board, size 64*38*1100	10 m2		
				40685.00	4068.50
10	Wood work				
	10.01	Wood work for chaukat with sal wood	m3		
				257056.67	
	10.01	Wood work for chaukat with Local hard wood	m3		
				69582.71	
	10.02	38mm thick framed (panel) shutter with Sal wood			
		1.07m*1.982m = 2.114m2	2.114m2		
				28433.67	13450.18
	10.02	38mm thick framed (panel) shutter with Local hard wood			
		1.07m*1.982m = 2.114m2	2.114m2		
				14200.91	6717.55
	10.03	3mm thick glass shutter with 38mm*75mm sal wood frame	per.		
				20800.08	
	10.03	3mm thick glass shutter with 38mm*75mm local hard wood frame	per.		
				12448.96	
	10.04	4 mm thick glass shutter with 38mm*75mm sal wood frame	2.23m2		
		1.829m*1.22m			
				20800.08	9327.39
	10.04	4 mm thick glass shutter with 38mm*75mm local hard wood frame	2.23m2		
		1.829m*1.22m			
				12448.96	5582.49
	10.05	5 mm thick glass shutter with 38mm*75mm sal wood frame	2.23 m2		
		1.829m*1.22			
				20872.72	9487.60
	10.05	5 mm thick glass shutter with 38mm*75mm local hard wood frame	2.23 m2		
		1.829m*1.22			
				12521.60	5691.64
	10.06	6 mm thick glass shutter with 38mm*75mm Sal wood frame	2.23 m2		
		1.829m*1.22			
				20872.72	9487.60
	10.07	Both side 3 mm commercial ply wood false shutter with 38 mm thick local hard wood frame	2.245m2		
		1.092m*2.058			
				10988.72	4994.87
	10.08	Both side 3 mm teak ply wood false shutter with 38 mm thick local hard wood frame	2.245m2		
		1.092m*2.058			
				11683.20	5310.55
	10.09	Both side 18 swg GI plain sheet shutter with 38 mm thick local hard wood frame	2.245m2		
		1.092m*2.058			
				10701.05	4766.62
	10.10	Both side 24 swg GI Mosquito proof wire mesh shutter with 38 mm thick local hard wood frame	2.245m2		
		1.092m*2.058			
				7719.77	3508.99
	G21	UPVC window/Door Work with Glass,Board etc. all complete			
		80*80 mm sliding with 5 mm Glass all complete	m2	5541.40	
		100*60 mm size with 9 mm board & 5 mm Glass all complete	m2	5541.40	

	10.12	Wooden listy work with 3 mm commercial ply wood for chaukat	m2		
		1.092m*2.058			357.71
	10.17	Wood work for beam,dalin etc. all complete with Sal wood	m3		
					227366.41
	10.17	Wood work for beam,dalin etc. all complete with local hard wood	m3		
					48414.00
	10.18	Wood work for truss with Sal wood all complete	m3		
					246516.01
	10.18	Wood work for truss with local hard wood all complete	m3		
					67570.61
	10.19	Wood work for 25mm thick eaves board w/ Sal wood all complete	10m2		
					56028.31
	10.19	Wood work for 25mm thick eaves board w/ local hardwood complete	10m2		
					9159.82
	10.21	Fixing of 16mm to 20mm dia. ms bar for chaukat all complete	mt		
					147566.60
11	Flooring work				
	11.01	1:2:4 cement concrete flooring work with cement punning			
	Ka	25 mm thick	10m2		
					4856.76
	Ka	25 mm thick	10m2		
					4721.13
	Ka	25 mm thick	10m2		
					4972.75
	Kha	38 mm thick	10m2		
					6588.90
	Kha	38 mm thick	10m2		
					6385.45
	Kha	38 mm thick	10m2		
					6762.89
	Ga	50 mm thick	10m2		
					8089.81
	Ga	50 mm thick	10m2		
					7829.85
	Ga	50 mm thick	10m2		
					8312.14
	Gha	75 mm thick	10m2		
					10958.53
	Gha	75 mm thick	10m2		
					10574.24
	Gha	75 mm thick	10m2		
					11287.19
	H22	100 mm thick Heavy duty Interlocking Concrete Block paving with 50 mm thick Crusser dust	10m2		
					1
					Block=0.04
					5 m2
					21916.83
	H23	60 mm thick Heavy duty Interlocking Concrete Block paving with 50 mm thick Crusser dust	10m2		
					21916.83
	11.04	20 mm thick Mosaic Flooring with 6 mm marble chips over 12.5 mm thick 1:2 cement plaster including police,Rub etc. all complete	10m2		
					38547.34
	11.05	20 mm Terrazo Tile work with 20mm thick, 1:4 cement sand work including rub,police etc. all complete	10m2		
					Rough

		(Increase 13.5 times labour when machine is not available)			
					2426.12
				24261.22	
11.06		25 mm thick marble (450*450 mm) work with 20mm thick, 1:2 cement sand work including rub,police etc. all complete	10m2		Rough
		(Increase 13.5 times labour when machine is not available)			
				31957.42	3173.56
11.07		Porcelain Glazed Tile (Floor Tile) work with 1:4 cement sand	10m2		Smooth
				26108.70	2610.87
H36		Marble nozzing work in Staircase all complete (Additional Labour)	10m2		
				5390.00	539.00
H38		12 mm thick 100 mm high wooden skirting work all complete	10m2		
				10734.70	1073.47
H39		12 mm thick 100 mm high Non Glazed Tile skirting work with 1:6 cement sand mortar all complete	RM		
				388.82	38.88
11.08		Flag stone Paving work all complete			
Ka		50 mm thick in 1:4 cement mortar	10m2		
				12966.19	1296.62
Kha		50 mm thick Paving Stone in sand	10m2		
				10942.27	1094.23
11.09		37.5 mm thick Flage Stone In 1:4 cement mortar	10m2		0.00
				13873.13	1387.31
11.10		25mm thick Flage Stone In 1:4 cement mortar	10m3		
				11567.82	1156.78
11.15		Brick Paving work			
ka		Horizontal	10 m2		
				14550.43	1455.04
kha		Vertical	10 m2		
				38942.26	3894.23
11.16		Dry Stone Paving work	m3		
				7502.88	
11.16		Dry Stone Paving work	m3		
				8189.19	
11.20		3mm thick cement punning	10m2		
				2918.55	291.86
12	Plaster work				
12.01		Cement Sand Plaster			
Ka		12.5mm thick, in 1:2	100m2		
				45134.62	451.35
Ka		12.5mm thick, in 1:2	100m2		
				43755.69	437.56
Ka		12.5mm thick, in 1:2	100m2		
				46313.92	463.14
Kha		12.5mm thick, in 1:3	100m2		0.00
				40254.58	402.55
Kha		12.5mm thick, in 1:3	100m2		
				38807.83	388.08
Kha		12.5mm thick, in 1:3	100m2		
				41491.88	414.92
Ga		12.5mm thick, in 1:4	100m2		
				39156.76	391.57
Ga		12.5mm thick, in 1:4	100m2		
				37506.57	375.07

	Ga	12.5mm thick, in 1:4	100m2		
				40568.06	405.68
	Gha	12.5mm thick, in 1:6	100m2		
				36598.88	365.99
	Gha	12.5mm thick, in 1:6	100m2		
				34824.36	348.24
	Gha	12.5mm thick, in 1:6	100m2		
				38116.51	381.17
12.04	Cement Sand Plaster				
	Ka	20mm thick, in 1:3	100m2		
				52727.85	527.28
	Ka	20mm thick, in 1:3	100m2		
				50523.82	505.24
	Ka	20mm thick, in 1:3	100m2		
				54612.80	546.13
	Kha	20mm thick, in 1:4	100m2		
				50667.90	506.68
	Kha	20mm thick, in 1:4	100m2		
				48181.30	481.81
	Kha	20mm thick, in 1:4	100m2		
				52794.50	527.95
	Ga	20mm thick, in 1:6	100m2		
				46679.42	466.79
	Ga	20mm thick, in 1:6	100m2		
				44023.29	440.23
	Ga	20mm thick, in 1:6	100m2		
				48951.03	489.51
12.05	2.5cm thick mud plaster work all complete		100m2		
				43902.50	439.03
13	Painting work				
13.01	White wash painting on new surface				
	Ka	One coat	100m2		
				1879.25	18.79
	Kha	Two coat	100m2		
				3335.46	33.35
	Ga	Three coat	100m2		
				6470.57	64.71
13.01	Snowcem Painting on new surface				
	Ka	One coat	100m2		
				2383.25	23.83
	Kha	Two coat	100m2		
				3208.46	32.08
	Ga	Three coat	100m2		
				4033.67	40.34
13.02	White washing work in old surface		100m2		
				1796.90	17.97
13.03	Distemper Painting				
	Ka	Aster coat	100m2		
				6730.16	67.30
	Kha	One coat	100m2		
				4728.26	47.28
	Ga	Two coat and additional	100m2		
				4118.35	41.18

	13.04	Water proof Cement Painting			
	Ka	One coat	100m2		
				4666.10	46.66
	Kha	Two coat	100m2		
				11527.61	115.28
	13.05	Readymade Enamel Painting			
	Ka	Aster coat	100m2		
				8608.29	86.08
	Kha	One coat	100m2		0.00
				11611.43	116.11
	Ga	Two coat	100m2		0.00
				10288.89	102.89
	13.06	One coat aster+two coat readymade aluminium paint	100m2		
				30069.31	300.69
	13.10	Alkatra (Bitumen) Painting			
	Ka	One coat	100m2		
				3878.89	38.79
	Kha	Two coat	100m2		
				6800.24	68.00
	13.12	Snowcem Painting work over plastered surface			
	Ka	One coat	100m2		
				8728.10	87.28
	Kha	Two coat	100m2		
				6979.80	69.80
	13.12	Weather coat Painting work over plastered surface			
	Ka	One coat	100m2		
				34378.10	343.78
	Kha	Two coat	100m2		
				24079.84	240.80
14	Pointing work				
	14.01	Cement Pointing work in Brick Masonary			
	Ka	In 1:1	100m2		
				27545.04	275.45
	Ka	In 1:1	100m2		
				27296.38	272.96
	Ka	In 1:1	100m2		
				27757.70	277.58
	Kha	In 1:2	100m2		0.00
				25581.85	255.82
	Kha	In 1:2	100m2		
				25254.07	252.54
	Kha	In 1:2	100m2		
				25862.18	258.62
	Ga	In 1:3	100m2		
				24545.71	245.46
	Ga	In 1:3	100m2		
				24184.02	241.84
	Ga	In 1:3	100m2		
				24855.03	248.55
	14.02	Cement Pointing work in Stone Masonary			
	Ka	In 1:1	100m2		
				35205.38	352.05
	Ka	In 1:1	100m2		

				34719.36	347.19
	Ka	In 1:1	100m2		
				35621.03	356.21
	Kha	In 1:2	100m2		
				31441.80	314.42
	Kha	In 1:2	100m2		0.00
				30797.55	307.98
	Kha	In 1:2	100m2		
				31992.79	319.93
	Ga	In 1:3	100m2		
				29532.31	295.32
	Ga	In 1:3	100m2		
				28820.24	288.20
	Ga	In 1:3	100m2		
				30141.30	301.41
	I 15	20 mm thick Jhallar or Panipatti on Plastered Surface	RM		
				209.58	
	I 17	2 mm plain white Putty Plaster Work on Ceiling and Wall	10 m2		
				2598.31	259.83
	J 26	Two Coat Readymade Washable distemper painting work with One coat Aster	10 m2	16302.48	1630.248
15	Road work				
	15.34	Removing of Slides			
	Ka	In soft soil	m3	244.11	
	Kha	In boulder mix soil	m3	528.91	
	Ga	In rock	m3	862.52	
	36.00	Dismantelling of Previous work all complete			
	Kha	Brick masonry in cement mortar	m3	1548.40	
	Gha	Stone masonry in cement mortar	m3	1848.60	
	Na	Stone masonry in mud mortar	m3	529.30	
	Chha	Reinforced cement concrete	m3	2662.30	
	Ja	1:4:8 or more plain cement concrete	m3	1129.70	
	Jha	1:3:6 or more plain cement concrete	m3	1824.90	
17	R.C.C./HDPE pipe installing work				
	17.01	R C C Pipe in 1:2 Cement Sand Mortar,jute etc.			
	Cha	60 cm dia.	32 m		
				302959.62	9467.49
	Ja	90 cm dia.	32 m		
				499962.02	15623.81
	17.02	HDP pipe laying,joining etc. all complete			
	ka.1	25mm & 20mm dia.	1000m		
				3963.75	3.96
	ka.2	32mm dia.	1000m		
				4753.75	4.75
	ka.3	40mm & 50mm dia.	1000m		
				5694.75	5.69
	kha.1	63mm, 75mm & 90mm dia.	50m		
				3928.75	78.57
	kha.2	110mm & 125mm dia.	50m		
				5673.75	113.47
	17.04	Gl pipe/fitting installing work			
	Ka	Gl pipe laying work			
	ka.1	15mm & 20mm dia.	30m		

				2368.13	78.94	
	ka.2	25mm & 32mm dia.	30m			
				3256.88	108.56	
	ka.3	40mm & 50mm dia.	30m			
				4440.94	148.03	
	ka.4	65mm & 80mm dia.	30m			
				5920.31	197.34	
	ka.5	100mm dia.	30m			
				7399.69	246.66	
	ka.6	125mm dia.	30m			
				9028.13	300.94	
18	Water Proofing work					
	18.07	2cm thick damp proof course in 1:2 cement mortar using water proof compound	10m2			
				5186.46	518.65	
	18.07	2cm thick damp proof course in 1:2 cement mortar using water proof compound	10m2			
				4983.01	498.30	
	18.07	2cm thick damp proof course in 1:2 cement mortar using water proof compound	10m2		0.00	
				5360.45	536.05	
	18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2			
				5457.65	545.77	
	18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2			
				5329.93	532.99	
	18.08	2.5cm thick damp proof course in 1:1.5:3 cement concrete using water proof compound	10m2			
				5566.88	556.69	
	18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2			
				6620.33	662.03	
	18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2			
				6428.18	642.82	
	18.09	3.8 cm thick damp proof course in 1:2:4 cement concrete using water proof compound	10m2			
				6784.65	678.47	
19	Dismantelling and Maintenance					
	19.01	Stone masonry work with mud mortar	m3	837.40		
	19.02	Stone masonry work with cement mortar	m3	1674.80		
	19.03	R.C.C. or R.B.C. work	m3	8690.00		
	19.04	P.C.C. work	m3	3160.00		
	19.05	Cement plaster work	m2	85.32		
24	Other Iron work					
				7362.73	73.63	
	24.07	Barbed wiring work for 5 layer horizontal,two layer diagonal @ 3m distance with 2.1m*0.075m & 0.10m Sal wood post	30m			
				46301.28	1543.38	
	24.07	Barbed wiring work for 5 layer horizontal,two layer diagonal @ 3m distance with 2.1m*0.075m & 0.10m Local wood post	30m			
				13919.42	463.98	
	7.00	Barbed wiring work for 5 layer horizontal,two layer diagonal @ 3m distance with 2.1m*0.075m & 0.10m wooden post	30m			
		(Excluding Cost of RCC post)				

				8784.33	292.81
	M4	Fabrication of Iron Angle with Primer Paint	18.94 kg	4001.91	211.29
	2.00	Fabrication of Iron Gate with install & Painting all complete	10 kg		
				1450.00	145.00
	M11	Installation of Tubular Black Pipe Truss with primer painting	18.94 kg		
				3951.91	208.65
	M14	90 cm high Stainless Steel Railing Work on Staircase	3.66 m		
				114261.44	31218.97
	M15	Stainless Steel Railing Work (38 mm dia. Stainless Steel Vertical post and 2 layer 25 mm dia. Stainless Steel Horizontal member on 38 mm dia. Stainless steel handrail) all complete	9.15 m2		
				47534.08	5194.98
	M15	Heavy Duty GI Pipe Railing Work (40 mm dia. Heavy Duty GI Pipe Vertical post and 2 layer 25 mm dia. Heavy Duty GI Pipe Horizontal member on 40 mm dia. Heavy Duty GI Pipe handrail) all complete	9.15 m2		
				26586.72	2905.65
	TB 150	Wiremesh Net for Fencing	1.2m2		
		Width : 1.20 m (Heavy Coated) Mesh Size : 60mm*60mm Chain link GI Wire dia. : 3.15 mm (10 SWG)			
				376.58	313.82

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
 [Analysis Of Rates (RR) : 2079/2080]

S.N.	Nr.no.	Particulars	Labour				Material					T & P	O -Rate	Remarks	
			Unit	Type	mds.	Rate	Amount	Type	Unit	Qty.	Rate				Amount
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.0	1.00	Site clearance - Clearing and grubbing including the cutting of trees having girth of less than 30cm when measured at 1 m above the ground	m2	Unskl.	0.04	790.00	31.60						0.95	32.55	
2.0	2.00	Cutting of trees all complete													
		2.I Above 30cm to 60cm Girth	per	Unskl.	0.30	790.00	237.00						7.11	244.11	
		2.II Above 60cm to 90cm Girth	per	Unskl.	0.40	790.00	316.00						9.48	325.48	
		2.III Above 90cm to 180cm Girth	per	Unskl.	1.50	790.00	1185.00						35.55	1220.55	
		2.IV Above 180cm to 270cm Girth	per	Unskl.	3.00	790.00	2370.00						71.10	2441.10	
		2.V Above 270cm to 450cm Girth	per	Unskl.	10.00	790.00	7900.00						237.00	8137.00	
		2.VI Above 450cm Girth	per	Unskl.		790.00	0.00								
3.0	3.00	Dismantelling of Culverts,Bridges,Pavements and Other Structures (Haulage upto Lead of 100 m)													
	a	Dismantelling Brick Masonry	m3	Unskl.	1.50	790.00	1185.00							1185.00	
		Stone masonry	m3	Unskl.	2.00	790.00	1580.00							1580.00	
		Concrete (Plane and Reinforced) masonry	m3	Unskl.	3.00	790.00	2370.00							2370.00	
	b	Dismantelling flexible and cement concrete pavement	m3	Unskl.	4.00	790.00	3160.00								
			Skld		2.00	1050.00	2100.00								
							5260.00						157.80	5417.80	
	c	Dismantelling Steel Structures	ton	Unskl.	5.00	790.00	3950.00								
			Skld		0.50	1050.00	525.00								
							4475.00						134.25	4609.25	
	d	Dismantelling timber structures	m3	Unskl.	1.00	790.00	790.00						23.70	813.70	
	e	Dismantelling pipes,guards,kerbs,gutters,fencing	m	Unskl.	0.10	790.00	79.00						2.37	81.37	
	f	Dismantelling utility pole	no	Unskl.	0.20	790.00	158.00						4.74	162.74	
	g	Dismantelling masonry in mud mortar or in dry	m3	Unskl.	0.16	790.00	126.40						3.79	130.19	
4.0	4.00	Stripping of Top Soil all complete	m3	Unskl.	0.80	790.00	632.00						18.96	650.96	
5.0	5.00	Excavation in Roadway and Drain													
		5.a Ordinary Soil	m3	Unskl.	0.50	790.00	395.00						11.85	406.85	
		5.b Hard Soil	m3	Unskl.	0.60	790.00	474.00						14.22	488.22	
		5.c Ordinary Rock	m3	Unskl.	2.00	790.00	1580.00						47.40	1627.40	
		5.d Medium Rock	m3	Unskl.	4.00	790.00	3160.00						94.80	3254.80	
		5.f Hard Rock (Blasting Prohibited)	m3	Unskl.	17.00	790.00	13430.00						402.90	13832.90	
		5.g Marshy soil	m3	Unskl.	1.00	790.00	790.00						23.70	813.70	
6.0	6.00	Works in the preparation of cut formation													
	a	Loosening and re compacting at sub grade level including breaking of clods,spreading in layers,watering and compacting	m3	Unskl.	0.10	790.00	79.00						2.37	81.37	
	b	Removal of unsuitable materials	Same as s.n. 5												
	c	Replacement with suitable materials in lieu of removed unsuitable materials	m3	Unskl.	1.00	790.00	790.00						23.70	813.70	
	d	Preparing road formation in rocky sub grade	m3	Unskl.	1.00	790.00	790.00						23.70	813.70	
	e	Stripping of Top Soil including storing or stacking within a lead of 100 m along the lead route	m3	Unskl.	0.80	790.00	632.00						18.96	650.96	

			m3	Skld	0.50	1050.00	525.00						15.75	540.75
				Unskld	25.00	790.00	19750.00						592.50	20342.50
							20275.00							20883.25
														41158.25
	III	With filter materials of aggregates having the sizes 50 mm to 75 micron as per the specification for Class III Grading												
		Procuring broken stone aggregate at quarry												
		Laying and compacting filter materials												
			m3	Skld	0.50	1050.00	525.00						15.75	540.75
				Unskld	24.00	790.00	18960.00						568.80	19528.80
							19485.00							20069.55
														39554.55
20.0	26.3.1	Carrying out the construction operation of granular sub base including full compaction												
	A	With naturally found deposits of sand/gravel aggregates												
	A.a	Class I Grading (When CBR=30%)	m3											
		Procuring river gravel aggregates having sizes of												
				Unskld	0.68	790.00	537.20	63 - 80 mm	m3	0.45	1534.07	690.33		
				Unskld	1.65	790.00	1303.50	4.75 - 63 mm	m3	0.55	1534.07	843.74		
				Unskld	0.10	790.00	79.00	75 micron - 4.75 mm	m3	0.10	1534.07	153.41		
		Preparation of the sub grade that was finished earlier	I.s.	Unskld	0.05	790.00	39.50	Roller 8-10 ton	hr	0.09	2156.71	194.10		
		For laying of aggregate including compaction and the incidentals	I.s.	Skld	0.25	1050.00	262.50							
				Unskld	2.00	790.00	1580.00							
							3801.70						1881.58	5683.28
	A.b	Class II Grading (When CBR=25%)	m3											
		Procuring river gravel aggregates having sizes of												
			0.30 m3	Unskld	0.45	790.00	355.50	63 - 80 mm	m3	0.30	1534.07	460.22		
			0.65 m3	Unskld	1.95	790.00	1540.50	4.75 - 63 mm	m3	0.65	1534.07	997.14		
			0.15 m3	Unskld	0.15	790.00	118.50	75 micron - 4.75 mm	m3	0.15	1534.07	230.11		
		Preparation of the sub grade that was finished earlier	I.s.	Unskld	0.05	790.00	39.50	Roller 8-10 ton	hr	0.09	2156.71	194.10		
		For laying of aggregate including compaction and the incidentals	I.s.	Skld	0.25	1050.00	262.50							
				Unskld	2.00	790.00	1580.00							
							3896.50						1881.58	5778.08
	A.c	Class III Grading (When CBR=20%)	m3											
		Procuring river gravel aggregates having sizes of												
				Unskld	0.23	790.00	181.70	63 - 80 mm	m3	0.15	1534.07	230.11		
				Unskld	2.25	790.00	1777.50	4.75 - 63 mm	m3	0.75	1534.07	1150.55		
				Unskld	0.20	790.00	158.00	75 micron - 4.75 mm	m3	0.20	1534.07	306.81		

							5501.30						18434.56		23935.86
A.a	In 1:3 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.72	790.00	568.80		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	130.00	20.35	2645.50			
								Sand	m3	0.33	1639.91	541.17			
							5501.30					18061.57			23562.87
A.a	In 1:3 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.72	790.00	568.80		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	130.00	20.35	2645.50			
								Sand	m3	0.33	3736.82	1233.15			
							5501.30					18753.55			24254.85
A.b	In 1:4 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.74	790.00	584.60		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	100.00	20.35	2035.00			
								Sand	m3	0.35	2770.18	969.56			
							5517.10					17879.46			23396.56
A.b	In 1:4 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.74	790.00	584.60		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	100.00	20.35	2035.00			
								Sand	m3	0.35	1639.91	573.97			
							5517.10					17483.87			23000.97
A.b	In 1:4 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.74	790.00	584.60		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	100.00	20.35	2035.00			
								Sand	m3	0.35	3736.82	1307.89			
							5517.10					18217.79			23734.89
A.c	In 1:6 mix ratio														
	Brick masonry	m3	Skld	1.50	1050.00	1575.00		Bamboo	no.	2.00	290.00	580.00			
			Unskld	4.00	790.00	3160.00		Rope	kg.	1.00	75.00	75.00			
	Providing of prepared cement mortar (Annex III)	0.30 m3	Unskld	0.77	790.00	608.30		Brick	no.	530.00	26.83	14219.90			
	Incidentals	I.s.	Unskld	0.25	790.00	197.50		Cement	kg.	70.00	20.35	1424.50			
								Sand	m3	0.38	2770.18	1052.67			

			Unskld	8.00	790.00	6320.00	Cement	kg.	122.00	20.35	2482.70		
		Incidentals	I.s.	0.25	790.00	197.50	Sand	m3	0.26	3736.82	971.57		
						15399.40					4109.27		195.09
	C.c	In 1:3 mix ratio											
		Providing of prepared cement mortar (Annex III)	0.26 m3	Unskld	0.63	790.00	497.70	Bamboo	no.	2.00	290.00	580.00	
		Pointing work	100 m2	Skld	8.00	1050.00	8400.00	Rope	kg.	1.00	75.00	75.00	
				Unskld	8.00	790.00	6320.00	Cement	kg.	96.00	20.35	1953.60	
		Incidentals	I.s.	0.25	790.00	197.50	Sand	m3	0.29	2770.18	803.35		
						15415.20					3411.95		188.27
	C.c	In 1:3 mix ratio											
		Providing of prepared cement mortar (Annex III)	0.26 m3	Unskld	0.63	790.00	497.70	Bamboo	no.	2.00	290.00	580.00	
		Pointing work	100 m2	Skld	8.00	1050.00	8400.00	Rope	kg.	1.00	75.00	75.00	
				Unskld	8.00	790.00	6320.00	Cement	kg.	96.00	20.35	1953.60	
		Incidentals	I.s.	0.25	790.00	197.50	Sand	m3	0.29	1639.91	475.57		
						15415.20					3084.17		184.99
	C.c	In 1:3 mix ratio											
		Providing of prepared cement mortar (Annex III)	0.26 m3	Unskld	0.63	790.00	497.70	Bamboo	no.	2.00	290.00	580.00	
		Pointing work	100 m2	Skld	8.00	1050.00	8400.00	Rope	kg.	1.00	75.00	75.00	
				Unskld	8.00	790.00	6320.00	Cement	kg.	96.00	20.35	1953.60	
		Incidentals	I.s.	0.25	790.00	197.50	Sand	m3	0.29	3736.82	1083.68		
						15415.20					3692.28		191.07
25.0	38..A	Stone masonry work including full compensation for all labour,materials and other incidentals required to complete the work as per the specifications and drawings. It includes full compensation for using specially dressed stones on the face of walls with batter and makes provision for weep holes as necessary											
	A.a	Un coursed Rubble Masonry - In Dry	m3										
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00	District Rate)
		Dry masonry with rubble stone	m3	Skld	0.50	1050.00	525.00	Rubble	m3	1.10	1564.59	1721.05	
				Unskld	1.50	790.00	1185.00	rope	kg	0.50	75.00	37.50	
		Incidentals including erecting/dismantelling scaffolding	I.s.	0.25	790.00	197.50							
						1907.50					2048.55		3956.05
	A.b	In 1:3 cement sand mortar	m3										
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00	
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.96	790.00	758.40	Cement	kg	148.00	20.35	2514.82	
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05	
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50	
		Incidentals including erecting/dismantelling scaffolding	I.s.	0.25	790.00	197.50	Sand	m3	0.44	2770.18	1218.88		
						4110.90					5782.25		9893.15
	A.b	In 1:3 cement sand mortar	m3										
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	970.58	

		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.96	790.00	758.40	Cement	kg	148.00	20.35	908.63		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	846.67		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	784.71		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.44	1639.91	722.76		
							4110.90					4233.35		8344.25
	A.b	In 1:3 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.96	790.00	758.40	Cement	kg	148.00	20.35	3011.80		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.44	3736.82	1644.20		
							4110.90					6704.55		10815.45
	A.c	In 1:4 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.99	790.00	782.10	Cement	kg	116.00	20.35	2360.60		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.47	2770.18	1301.98		
							4134.60					5711.13		9845.73
	A.c	In 1:4 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.99	790.00	782.10	Cement	kg	116.00	20.35	2360.60		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.47	1639.91	770.76		
							4134.60					5179.91		9314.51
	A.c	In 1:4 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	0.99	790.00	782.10	Cement	kg	116.00	20.35	2360.60		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.47	3736.82	1756.31		
							4134.60					6165.45		10300.05
	A.d	In 1:6 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	1.04	790.00	821.60	Cement	kg	92.00	20.35	1872.20		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		
				Unskld	2.00	790.00	1580.00	rope	kg	0.50	75.00	37.50		
		Incidentals including erecting/dismantelling scaffolding	I.s.	Unskld	0.25	790.00	197.50	Sand	m3	0.50	2770.18	1385.09		
							4174.10					5305.84		9479.94
	A.d	In 1:6 cement sand mortar	m3											
		Collection of rubble at quarry (Annex II)	1.10 m3	Unskld	1.10		0.00	Bamboo	no.	1.00	290.00	290.00		
		Providing prepared cement mortar (Annex III)	0.40 m3	Unskld	1.04	790.00	821.60	Cement	kg	92.00	20.35	1872.20		
		Stone masonry with rubble stone	1.0 m3	Skld	1.50	1050.00	1575.00	Rubble	m3	1.10	1564.59	1721.05		

		40 mm	0.52 m3	Unskld	4.68		0.00	Sand	m3	0.44	3736.82	1644.20	Royalty+Transportation
		20 mm	0.22 m3	Unskld	2.64		0.00	Stone	m3	1.45	1564.59	2268.66	
		10 mm	0.11 m3	Unskld	2.42		0.00						
		Collection and screening of sand at quarry (Annex I)	0.44 m3	Unskld	0.44		0.00						
		Mixing of concrete and its placing with compaction and finishing	m3	Skld	0.75	1050.00	787.50						
				Unskld	3.00	790.00	2370.00						
		Water carrying for mixing concrete	205 ltr	Unskld	0.31	790.00	244.90						
		Form work with framing and its removal	I.s.	Skld	0.25	1050.00	262.50						
				Unskld	0.50	790.00	395.00						
		Curing and other incidentals	I.s.	Unskld	0.25	790.00	197.50						
							4257.40					12403.81	16661.21
B.b		M 20 Grade (1:1.5:3 mix by volume)	m3										
		Collection of rubble for the aggregates at quarry (Annex I)	1.45 m3	Unskld	1.45		0.00	Cement	kg	400.00	20.35	8140.00	
		Breaking of stone at quarry for aggregates sizes (Annex II)						Aggregates	m3	1.28	1534.07	1963.61	Royalty+Transportation
			20 mm	0.57 m3	Unskld	6.84	0.00	Sand	m3	0.42	2770.18	1163.48	Royalty+Transportation
			10 mm	0.29 m3	Unskld	6.38	0.00	Stone	m3	1.45	1564.59	2268.66	
		Collection and screening of sand at quarry (Annex I)	0.42 m3	Unskld	0.42		0.00						
		Mixing of concrete and its placing with compaction and finishing	m3	Skld	0.75	1050.00	787.50						
				Unskld	4.00	790.00	3160.00						
		Water carrying for mixing concrete	240 ltr	Unskld	0.37	790.00	292.30						
		Form work with framing and its removal	I.s.	Skld	0.25	1050.00	262.50						
				Unskld	0.50	790.00	395.00						
		Curing and other incidentals	I.s.	Unskld	0.25	790.00	197.50						
							5094.80					13535.74	18630.54
B.b		M 20 Grade (1:1.5:3 mix by volume)	m3										
		Collection of rubble for the aggregates at quarry (Annex I)	1.45 m3	Unskld	1.45		0.00	Cement	kg	400.00	20.35	8140.00	
		Breaking of stone at quarry for aggregates sizes (Annex II)						Aggregates	m3	1.28	1534.07	1963.61	Royalty+Transportation
			20 mm	0.57 m3	Unskld	6.84	0.00	Sand	m3	0.42	1639.91	688.76	Royalty+Transportation
			10 mm	0.29 m3	Unskld	6.38	0.00	Stone	m3	1.45	1564.59	2268.66	
		Collection and screening of sand at quarry (Annex I)	0.42 m3	Unskld	0.42		0.00						
		Mixing of concrete and its placing with compaction and finishing	m3	Skld	0.75	1050.00	787.50						
				Unskld	4.00	790.00	3160.00						
		Water carrying for mixing concrete	240 ltr	Unskld	0.37	790.00	292.30						
		Form work with framing and its removal	I.s.	Skld	0.25	1050.00	262.50						
				Unskld	0.50	790.00	395.00						
		Curing and other incidentals	I.s.	Unskld	0.25	790.00	197.50						
							5094.80					13061.03	18155.83
B.b		M 20 Grade (1:1.5:3 mix by volume)	m3										
		Collection of rubble for the aggregates at quarry (Annex I)	1.45 m3	Unskld	1.45		0.00	Cement	kg	400.00	20.35	8140.00	
		Breaking of stone at quarry for aggregates sizes (Annex II)						Aggregates	m3	1.28	1534.07	1963.61	Royalty+Transportation
			20 mm	0.57 m3	Unskld	6.84	0.00	Sand	m3	0.42	3736.82	1569.46	Royalty+Transportation
			10 mm	0.29 m3	Unskld	6.38	0.00	Stone	m3	1.45	1564.59	2268.66	
		Collection and screening of sand at quarry (Annex I)	0.42 m3	Unskld	0.42		0.00						

		c. 2m*1m*0.5m	box	skld	0.27	1050.00	283.50	Mesh wire	kg	15.97	112.99	1804.48		
				unskld	0.13	790.00	102.70	Selvedge wire	kg	2.45	98.99	242.53		
														0.00
		d. 3m*1m*0.5m	box	skld	0.39	1050.00	409.50	Mesh wire	kg	23.43	112.99	2647.40		
				unskld	0.20	790.00	158.00	Selvedge wire	kg	3.46	98.99	342.51		
														0.00
32.00		Machine made heavy coated Gabion boxes												
		Box Size 1*1*1	box											1895.90
		Box Size 3*1*1	box											5037.79
		Box Size 2*1*1	box											3466.85
		Box Size 3*1*0.5	box											3448.90
		Box Size 3*1*0.3	box											2816.93
		Box Size 2*1*0.5	box											2354.92
		Box Size 1.5*1*1	box											2834.88
33.0	44.02	Assembling of wire cretes/gabion/revetment and placing them in position including stretching, binding them together and tying down lids												
		I. Binding wire 12 swg												
		Box size												
		a. 2m*1m*1m	box	skld			0.00	Binding wire	kg	0.95	119.99	113.99		
			box	unskld	0.09	790.00	71.10							
							71.10					113.99		185.09
		b. 3m*1m*1m	box	skld			0.00	Binding wire	kg	1.30	119.99	155.99		
				unskld	0.13	790.00	102.70							
							102.70					155.99		258.69
		c. 2m*1m*0.5m	box	skld			0.00	Binding wire	kg	0.70	119.99	83.99		
				unskld	0.07	790.00	55.30							
							55.30					83.99		139.29
		d. 3m*1m*0.5m	box	skld			0.00	Binding wire	kg	0.95	119.99	113.99		
				unskld	0.09	790.00	71.10							
							71.10					113.99		185.09
		II. Binding wire 12 swg												
		Box size												
		a. 2m*1m*1m	box	skld			0.00	Binding wire	kg	0.75	119.99	89.99		
			box	unskld	0.07	790.00	55.30							
							55.30					89.99		145.29
		b. 3m*1m*1m	box	skld			0.00	Binding wire	kg	1.00	119.99	119.99		
				unskld	0.10	790.00	79.00							
							79.00					119.99		198.99
		c. 2m*1m*0.5m	box	skld			0.00	Binding wire	kg	0.55	119.99	66.00		
				unskld	0.05	790.00	39.50							
							39.50					66.00		105.50
		d. 3m*1m*0.5m	box	skld			0.00	Binding wire	kg	0.75	119.99	89.99		
				unskld	0.07	790.00	55.30							

								Tractor hr.	3.000	500.00	1500.00			
								Fabrication, nuts, bolts and Washers etc. 25% of Materials				82782.56		
							10530.00					433467.28	443997.28	11099.93

Bafikot Rural Municipality

Office Of the Rural Municipal Executive

Bafikot, Rukum (West)

Karnali Province, Nepal

Summary Analysis Of Rates (RR) : 2079/2080]

S.N.	Nr.no.	Particulars	Unit	Rate/Unit	Remarks
0	1	2	3		15
1.0	1.00	Site clearance - Clearing and grubbing including the cutting of trees having girth of less than 30cm when measured at 1 m above the ground	m2	32.55	
2.0	2.00	Cutting of trees all complete			
		2.I Above 30cm to 60cm Girth	per	244.11	
		2.II Above 60cm to 90cm Girth	per	325.48	
		2.III Above 90cm to 180cm Girth	per	1220.55	
		2.IV Above 180cm to 270cm Girth	per	2441.10	
		2.V Above 270cm to 450cm Girth	per	8137.00	
		2.VI Above 450cm Girth	per		
3.0	3.00	Dismantelling of Culverts,Bridges,Pavements and Other Structures (Haulage upto Lead of 100 m)			
	a	Dismantelling Brick Masonry	m3	1185.00	
		Stone masonry	m3	1580.00	
		Concrete (Plane and Reinforced) masonry	m3	2370.00	
	b	Dismantelling flexible and cement concrete pavement	m3	5417.80	
	c	Dismantelling Steel Structures	ton	4609.25	
	d	Dismantelling timber structures	m3	813.70	
	e	Dismantelling pipes,guards,kerbs,gutters,fencing	m	81.37	
	f	Dismantelling utility pole	no	162.74	
	g	Dismantelling masonry in mud mortar or in dry	m3	130.19	
4.0	4.00	Stripping of Top Soil all complete	m3	650.96	
5.0	5.00	Excavation in Roadway and Drain			
		5.a Ordinary Soil	m3	406.85	
		5.b Hard Soil	m3	488.22	
		5.c Ordinary Rock	m3	1627.40	
		5.d Medium Rock	m3	3254.80	
		5.e Hard Rock (Required Blasting)	m3	0.00	
		5.f Hard Rock (Blasting Prohibited)	m3	13832.90	
		5.g Marshy soil	m3	813.70	
6.0	6.00	Works in the preparation of cut formation			
	a	Loosening and re compacting at sub grade level including breaking of clods,spreading in layers,watering and compacting	m3	81.37	
	b	Removal of unsuitable materials	m3	488.22	
	c	Replacement with suitable materials in lieu of removed unsuitable materials	m3	813.70	
	d	Preparing road formation in rocky sub grade	m3	813.70	
	e	Stripping of Top Soil including storing or stacking within a lead of 100 m along the lead route	m3	650.96	

	f	Reapplication of top soil materials (Stored earlier) upto a depth of 150 mm with light compaction within a lead of 50 m along the lead route (For additional haulage beyond the specified initial lead s.no. 7 shall apply)	m3	32.55	
7.0	7.00	Transporting materials from roadway and drain excavation including all incidental beyond the specified initial lead distance for every additional haulage of			
	a	50 m, for distance upto and including 200 m	m3	406.85	
	b	200 m, for distance excluding 200 m but not exceeding 1 km	m3	1220.55	
8.0	9.00	Excavation for Structures all complete			
		9.a Ordinary Soil	m3	813.70	
		9.b Hard Soil	m3	1627.40	
		9.c Ordinary Rock	m3	3254.80	
		9.d Hard Rock (Requiring Blasting)	m3	4882.20	
		9.e Hard Rock (Blasting Prohibited)	m3	2441.00	
		9.f Special provision for preparation of rock foundation	m2	406.85	
		9.g Marshy soil	m3	2441.10	
9.0	10.00	Construction of roadway in embankment and miscellaneous backfilling areas with approved material obtained either from			
		(Also Removal of Slides)			
		excavation for road construction			
		borrow pits			
		other sources	m3	203.43	
10.0	11.00	Transporting materials required for embankment and sub grade construction including for every additional haulage of 50 m beyond the specified initial lead distance	m3	406.85	
11.0	12.00	Works in the preparation of embankment and sub grade construction as required			
	a	Stripping of top soil including storing or stacking within a lead of 100 m along the lead route	m3	650.96	
	b	Stripping and re application of top soil within a lead of 100 m	m3	650.96	
	c	Re application of top soil materials (stored earlier) upto depth of 150 mm with light compaction within a lead of 50 m along the lead route			
		(Beyond the specified initial lead, s.n. 11 shall apply)	m3	32.55	
12.0	13.00	Loosening and Re compacting the embankment foundation (Same as S.No. 6a)	m3	81.37	
13.0	14.00	Removal of unsuitable materials and replacement with suitable materials			
		5.a Ordinary Soil	m3	406.85	
		5.b Hard Soil	m3	488.22	
		5.c Ordinary Rock	m3	1627.40	
		5.c Medium Rock	m3	3254.80	
		5.f Hard Rock (Blasting Prohibited)	m3	13832.90	
		5.g Marshy soil	m3	813.70	
14.0	18.00	Planting grass cutting on site or turving with sods all complete	m2	40.69	
15.0	19.00	Seeding and mulching all complete			
	a	Broadcasting grass seeds on slopes <40 deg at a seeding rate of 25 g per m2	100m2	884.30	
	b	Broadcasting grass seeds on slopes <40 deg including the covering with long mulch at a seeding rate of 25 g per m2	100m2	5700.00	
	c	Broadcasting grass seeds on slopes 40 to 45 deg including the covering with long mulch and jute netting having mesh size 300mm * 500mm @ 25 g per m2 all complete	100m2	21719.50	
16.0	20.00	Excavation of Surface Drain			

		5.a Ordinary Soil	m3	406.85	
		5.b Hard Soil	m3	488.22	
		5.c Ordinary Rock	m3	1627.40	
		5.c Medium Rock	m3	3254.80	
		5.f Hard Rock (Blasting Prohibited)	m3	13832.90	
		5.g Marshy soil	m3	813.70	
	21.00	Dressing of bed and sides of surface drains and providing lining with dry stones for a minimum thickness of 100 mm	m3	813.70	
17.0	23.00	Excavation of trench for sub surface drains			
		9.a Ordinary Soil	m3	813.70	
		9.b Hard Soil	m3	1627.40	
		9.c Ordinary Rock	m3	3254.80	
		9.d Hard Rock (Requiring Blasting)	m3	3254.80	
		9.e Hard Rock (Blasting Prohibited)	m3	4882.20	
		9. f Special provision for preparation of rock foundation	m2	24411.00	
		9.g Marshy soil	m3	406.85	
18.0	24.00	Laying and jointing the pipes for sub surface drain all complte	m3	108.15	
19.0	25.00	Back filling and bedding of the sub surface drain pipe (or the aggregate drain) with the specified back fill or filter materials of sand and gravel aggregates having specified grading (50 mm to 75 micron) including the works such as providing,laying and compacting the materials to the requirements of the specifications with all leads along the lead route			
	I	With filter materials of aggregates having the sizes 10 mm to 75 micron as per the specification for Class I Grading			
		Procuring broken stone aggregate at quarry			
		Laying and compacting filter materials			
			m3	42761.95	
	II	With filter materials of aggregates having the sizes 25 mm to 75 micron as per the specification for Class II Grading			
			m3	41158.25	
	III	With filter materials of aggregates having the sizes 50 mm to 75 micron as per the specification for Class III Grading			
			m3	39554.55	
20.0	26.3.1	Carrying out the construction operation of granular sub base including full compaction			
	A	With naturally found deposites of sand/gravel aggregates			
	A.a	Class I Grading (When CBR=30%)	m3	5683.28	
		Procuring river gravel aggregates having sizes of			
		Preparation of the sub grade that was finished earlier	l.s.		
		For laying of aggregate including compaction and the incidentals	l.s.		
	A.b	Class II Grading (When CBR=25%)	m3	5778.08	
	A.c	Class III Grading (When CBR=20%)	m3	5880.78	
	A.a	Class I Grading (When CBR=30%) w/o compaction	m3	5618.28	
		Procuring river gravel aggregates having sizes of			
	A.b	Class II Grading (When CBR=25%) w/o compaction	m3	5738.58	
	A.c	Class III Grading (When CBR=20%) w/o compaction	m3	5880.78	
	B	With broken stone aggregates conforming to the specification for			
	B.a	Class I Grading (When CBR=30%)			
				2036.60	
	B.b	Class II Grading (When CBR=25%)			
				1971.60	
	B.c	Class III Grading (When CBR=20%)			
				2036.60	

21.0	27.00	Carrying out the construction operation of water bound macadam,sub base/base course including full compensation for all components listed in s.n. 26 above			
	a	Grading No. I - For sub base		8682.65	
	b	Grading No. II - For base			
				28978.86	
	c	Grading No. III - For base			
				12866.45	
22.0	37.A	Brick masonry with all necessary operations including full compensation for all labour,materials,scaffolding and other incidentals required to complete the work as per the specifications and as shown on the drawings. It includes full compensation for using specially moulded bricks on the face of walls with batter and provisions of weep holes jointed with cement sand mortar			
	A.a	In 1:3 mix ratio			
		Brick masonry	m3	23935.86	
	A.a	In 1:3 mix ratio			
		Brick masonry	m3	23562.87	
	A.a	In 1:3 mix ratio			
		Brick masonry	m3	24254.85	
	A.b	In 1:4 mix ratio			
		Brick masonry	m3	23396.56	
	A.b	In 1:4 mix ratio			
		Brick masonry	m3	23000.97	
	A.b	In 1:4 mix ratio			
		Brick masonry	m3	23734.89	
	A.c	In 1:6 mix ratio			
		Brick masonry	m3	22892.87	
	A.c	In 1:6 mix ratio			
		Brick masonry	m3	22463.37	
	A.c	In 1:6 mix ratio			
		Brick masonry	m3	23260.19	
23.0	37.B	12.5 mm thick plastering with cement sand mortar on brick walls or concrete surface with all necessary operations including full compensation for all labour,materials,scaffolding and other incidentals required to complete the work as per the specifications			
			m2		
	B.a	In 1:2 mix ratio		424.51	
	B.a	In 1:2 mix ratio		410.38	
	B.a	In 1:2 mix ratio		436.59	
	B.b	In 1:3 mix ratio		403.15	
	B.b	In 1:3 mix ratio		387.55	
	B.b	In 1:3 mix ratio		416.49	
	B.c	In 1:4 mix ratio		385.73	
	B.c	In 1:4 mix ratio		369.22	
	B.c	In 1:4 mix ratio		399.84	
	B.d	In 1:6 mix ratio		374.66	
	B.d	In 1:6 mix ratio		356.80	
	B.d	In 1:6 mix ratio		389.93	
24.0	37.C	Pointing work with cement sand mortar on brick wall with all required operations including full compensation for all labour,material and other incidentals nessary to complete the work as per the specifications			
			m2		
	C.a	In 1:1 mix ratio		197.99	
	C.a	In 1:1 mix ratio		195.50	

	C.a	In 1:1 mix ratio		200.12	
	C.b	In 1:2 mix ratio		192.57	
	C.b	In 1:2 mix ratio		189.63	
	C.b	In 1:2 mix ratio		195.09	
	C.c	In 1:3 mix ratio		188.27	
	C.c	In 1:3 mix ratio		184.99	
	C.c	In 1:3 mix ratio		191.07	
25.0	38..A	Stone masonry work including full compensation for all labour,materials and other incidentals required to complete the work as per the specifications and drawings. It includes full compensation for using specially dressed stones on the face of walls with batter and makes provision for weep holes as necessary			
	A.a	Un coursed Rubble Masonry - In Dry	m3	3956.05	
	A.b	In 1:3 cement sand mortar	m3	9893.15	
	A.b	In 1:3 cement sand mortar	m3	8344.25	
	A.b	In 1:3 cement sand mortar	m3	10815.45	
	A.c	In 1:4 cement sand mortar	m3	9845.73	
	A.c	In 1:4 cement sand mortar	m3	9314.51	
	A.c	In 1:4 cement sand mortar	m3	10300.05	
	A.d	In 1:6 cement sand mortar	m3	9479.94	
	A.d	In 1:6 cement sand mortar	m3	8914.80	
	A.d	In 1:6 cement sand mortar	m3	9963.26	
26.0	39.00	Form work where it is provided as separate item with timber as material. It includes all labour,materials and other incidentals required for the construction and removal of forms as described in the specification. It further covers the framing work that is required for properly supporting the members until the concrete is sufficiently cured,set and hardened			
	a	For beam or slab	10 m2		
		Form work and frame when the height is 4 - 8 m		37333.93	1244.46
	b	For wall or vertical structures with a height not exceeding 4 m	10 m2		
				29394.74	979.82
	c	For wall or vertical structures with a height of 4 - 8 m	10 m2		
				42964.62	1432.15
	d	Form work For arch including frame work to erect	10 m2		
				52190.57	1739.69
	e	Form work For column including frame work to erect	10 m2		
				44945.63	1498.19
27.0	40.00	Reinforcement for RCC work. It includes procuring steel,binding,placing,bending and fixing in position as shown on the drawings and as directed by the Engineer. It also included all devices for keeping reinforcement in approved position and jointing as per approved method with due allowance for wastage,overlaps,spacer bars and annealed steel wire for binding.			
		This applies for general bending requirements. When the above provision is not adequate or in other words, for specific type of bending the following norms are applicable.	1 m.ton		
				126146.60	126.15
28.0	41.00	Cement concrete work. It includes all labour and materials required for mixing,placing in position,vibrating,compacting and all other incidentals required to produce concrete of specified strength as per the specifications. The rate includes the work of making,fixing and removing of all centers and forms required for the work.			
	A	Work in Foundation			

	A.a	M 10 Grade (1:3:6 mix by volume)	m3	14249.18	
	A.a	M 10 Grade (1:3:6 mix by volume)	m3	13717.95	
	A.a	M 10 Grade (1:3:6 mix by volume)	m3	14703.50	
	A.b	M 15 Grade (1:2:4 mix by volume)	m3	16235.89	
	A.b	M 15 Grade (1:2:4 mix by volume)	m3	15738.57	
	A.b	M 15 Grade (1:2:4 mix by volume)	m3	16661.21	
	B	Work in Super structural components (Beam,Slab,Abutement,Caps etc.)			
	B.a	M 15 Grade (1:2:4 mix by volume)	m3	16235.89	
	B.a	M 15 Grade (1:2:4 mix by volume)	m3	15738.57	
	B.a	M 15 Grade (1:2:4 mix by volume)	m3	16661.21	
	B.b	M 20 Grade (1:1.5:3 mix by volume)	m3	18630.54	
	B.b	M 20 Grade (1:1.5:3 mix by volume)	m3	18155.83	
	B.b	M 20 Grade (1:1.5:3 mix by volume)	m3	19036.53	
29.0	12.00	Structural Steel work for structures			
30.0	44.01 A	Fabrication of gabion boxes including rolling,cutting and weaving			
		Hexagonal mesh size - 80mm*100mm			
		I. Mesh wire - 9swg			
		Selvedge wire - 6swg			
		Box size			
		a. 2m*1m*1m	box	5305.93	
		b. 3m*1m*1m	box	7663.87	
		c. 2m*1m*0.5m	box	3648.93	
		d. 3m*1m*0.5m	box	5320.78	
		II. Mesh wire - 10 swg			
		Selvedge wire - 7 swg			
		Box size			
		a. 2m*1m*1m	box	4049.16	
		b. 3m*1m*1m	box	5872.32	
		c. 2m*1m*0.5m	box	2823.53	
		d. 3m*1m*0.5m	box	4114.49	
		III. Mesh wire - 11 swg			
		Selvedge wire - 8 swg			
		Box size			
		a. 2m*1m*1m	box	3396.80	
		b. 3m*1m*1m	box	4938.34	
		c. 2m*1m*0.5m	box	2357.27	
		d. 3m*1m*0.5m	box	3444.31	
31.0	44.01 B	Fabrication of gabion boxes including rolling,cutting and weaving			
		Hexagonal mesh size - 100mm*120mm			
		I. Mesh wire - 9swg			
		Selvedge wire - 6swg			
		Box size			
		a. 2m*1m*1m	box	4172.68	
		b. 3m*1m*1m	box	6066.84	
		c. 2m*1m*0.5m	box	2912.01	
		d. 3m*1m*0.5m	box	4240.00	
		II. Mesh wire - 10 swg			
		Selvedge wire - 7 swg			
		Box size			
		a. 2m*1m*1m	box	0.00	
		b. 3m*1m*1m	box	0.00	
		c. 2m*1m*0.5m	box	0.00	
		d. 3m*1m*0.5m	box	0.00	
32.00		Machine made heavy coated Gabion boxes			

		Box Size 1*1*1	box	1895.90	
		Box Size 3*1*1	box	5037.79	
		Box Size 2*1*1	box	3466.85	
		Box Size 3*1*0.5	box	3448.90	
		Box Size 3*1*0.3	box	2816.93	
		Box Size 2*1*0.5	box	2354.92	
		Box Size 1.5*1*1	box	2834.88	
33.0	44.02	Assembling of wire cretes/gabion/revetment and placing them in position including stretching, binding them together and tying down lids			
		I. Binding wire 12 swg			
		Box size			
		a. 2m*1m*1m	box	185.09	
		b. 3m*1m*1m	box	258.69	
		c. 2m*1m*0.5m	box	139.29	
		d. 3m*1m*0.5m	box	185.09	
		II. Binding wire 12 swg			
		Box size			
		a. 2m*1m*1m	box	145.29	
		b. 3m*1m*1m	box	198.99	
		c. 2m*1m*0.5m	box	105.50	
		d. 3m*1m*0.5m	box	145.29	
34.0	45.00	Packing and filling of gabion cretes with rubble stone (DHQ)			m3
35.0	46.00	Preparation of bedding for pipe with granular material all complete			m3
36.0	47.00	Laying, fitting and fixing of hume pipe having a length of 1m or more			
	a	For one or first pipe			
		Pipe having 300 mm diameter			m
		Pipe having 600 mm diameter			m
		Pipe having 900 mm diameter			m
		Pipe having 1200 mm diameter			m
	b	For every subsequent pipe having a length of minimum 1m			
		Pipe having 300 mm diameter			
		Laying of pipe including collecting sand at quarry site			m
		Pipe having 600 mm diameter			
		Laying of pipe			m
		collecting sand at quarry site			
		Pipe having 900 mm diameter			
		Laying of pipe			m
		Pipe having 1200 mm diameter			
		Laying of pipe			m
37.0	48.00	Bedding for stone pitching with granular material			m3
38.0	49.00	Stone pitching work on the prepared granular bedding			m3
		Collection of rubble (40 kg or bigger) at quarry			1.1 m3
		Packing of rubble stone			m3
		Filling of voids with spalls having minimum size of 25 mm			0.25 m3
		Collection of spalls at quarry			0.25 m3
39.0	50.00	Dry rubble flooring on the prepared granular bedding			Same as 49
40.0	DoR 54.01	Routine Maintenance of Rural roads by maintenance worker (Length man) for each 2 km road			
		12 days per month for Class 'A' roads)			PD
		6 days per month for class "B" road			PD
		3 days per month for class "C" road			PD
		1.5 day per month for class "D" road			PD
				58586.40	
				29293.20	
				14646.60	
				7323.30	
					PD = personday

41.0	DoR 54.02	Supervision by Technical supervisors, assuming that each supervisor takes charge of supervising the work of 25 maintenance workers.			SV = supervisor
		12 days per month for Class 'A' roads)	PD	2343.46	
		6 days per month for class "B" road	PD	1171.73	
		3 days per month for class "C" road	PD	585.86	
		1.5 day per month for class "D" road	PD	292.93	
42.0	DoR 2.03	Felling and uprooting of bamboo,clearing the area,stacking of bamboo and disposing of wastes to10m all complete	m3	2278.36	Norms_DOR
43.0	55.2	Transportation of Materials (Boulder mix sol) by Truck/Tractors, Speed - 10 kmph	10m3		
				1593.68	159.37
44.0	51	Collection of Sand,Gravel (Including Boulder mix soil)	m3	813.70	
45.0	DoR 9.01 I B	Roadway Excavation in all type of soil (Soil to soft rock) by Mechanical Means	360 m3		
				26464.41	73.51
46.0	DoR 9.01 II B	Roadway Excavation in Ordinary Rock (Medium to Medium Hard Rock) by Mechanical Means	120 m3		
				26464.41	220.54
47.0	DoR 9.01 4A	Roadway Excavation in Hard Rock (Special Case - Hard Mass Rock with Metallic Sound) by Mechanical Means	16 m3		
				31994.41	888.73
48.0	46	Preparation of Bedding for pipe with granular material : It includes all labour,material and incedentals. Collection of well graded granular material passing 4.75 mm seive and down	1.10 m3	2729.91	
49.0	47	Laying,fitting and fixing of hume pipe having a length of 1 m or more. It includes all operations required to complete the work up to a trench depth of 2.2 m below the ground level and the jointing of pipes with 1: 2 cement sand mortar			
	a	For One or First Pipe			
		Pipe having 300 mm dia.	m	4174.50	
		Pipe having 600 mm dia.	m	8177.50	
		Pipe having 900 mm dia.	m	14037.00	
	b	For Every Subsequent pipe having a length of minimum 1 m			
		Laying : Pipe having 300 mm dia.	m	4266.60	
	b	For Every Subsequent pipe having a length of minimum 1 m			
		Laying : Pipe having 600 mm dia.	m	8304.99	
	b	For Every Subsequent pipe having a length of minimum 1 m			
		Laying : Pipe having 900 mm dia.	m	14471.00	
50	DoR 10.05	Preparation of Sub Grade for rehabilitation or other similar works (Filling or Cutting depth of 10 to 20 cm)			
		a) Common soil	m2	122.06	
		b) Gravel & Boulder Mixed Soil	m2	244.11	
51	DoR 10.01	Sub Grade Construction and preparation of formation in Cutting (Other than rock Excavation) including disposal of material upto 10 m	m3	182.11	
52	DoR 10.03	Sub Grade Construction with loose untreated materials : Preparation & formation of subgrade in fill areas	m3	2003.08	
53	DoR 12.01	Providing,Laying,Spreding,Watering,levelling and compaction of natural sand gravel sub base grading as per table 12.1 of standard specification lead up to 10 m	m3	2319.62	
54	DoR 12.02	Providing,Laying,Spreding,Watering,levelling and compaction of natural sand gravel sub base grading as per table 12.1 of standard specification lead up to 10 m (For Manual works)	m3	2984.49	

55	DoR 20.06.I	Providing and placing manually mixed non structural cement concrete including compaction, curing, testing and lead 30m etc. all complete as per specification and drawing (1:4:8)	m3	10326.58	
56	DoR 20.06.II	Providing and placing manually mixed non structural cement concrete including compaction, curing, testing and lead 30m etc. all complete as per specification and drawing (1:3:6)	m3	11374.08	
57	DoR 20.06.III	Providing and placing manually mixed non structural cement concrete including compaction, curing, testing and lead 30m etc. all complete as per specification and drawing (1:2:4)	m3	13584.42	
58	खा पा विभागको (परिपत्र) नमस अनसाि	HDPE Double Wall Corrugated Pipe (DWC) Laying Work			
		150 mm dia.	m	63.17	
		200 mm dia.	m	90.30	
		250 mm dia.	m	117.42	
		300 mm dia.	m	144.54	
		400 mm dia.	m	198.79	
		500 mm dia.	m	261.96	
		600 mm dia.	m	294.70	
		800 mm dia.	m	414.40	
		1000 mm dia.	m	442.05	

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
 [Summary Analysis Of Rates (Bio) for Fiscal Year 2079/2080]

S.N.	Nr.no.	Particulars	Unit	Rate/Unit	Remarks
0	1	2	3		15
1.0	61.00	Collection and Preparation of Seeds			
	61.a	Collection of Seeds from sources within 1km of the road,including seperating & preparing seed for storage & drying seed in the Sun	kg	1220.55	
	61.b	Collection of large shrub seeds (e.g. bhujetro) from sources within 1km of the road including seed preparation for storage after drying	kg	366.17	
	61.c	Collection of medium sized shrub seeds (e.g. Keraukose) from sources within 1km of the road including seed preparation for storage after drying	kg	610.28	
	61.d	Collection of medium sized shrub & tree seeds (e.g. areri,khayar,gobre rani salla,sisau) from sources within 1km of the road including seed preparation for storage after drying	kg	773.02	
	61.e	Collection of Small shrub & tree seeds (e.g. dhanyero,tilka,uttis) from sources within 1km of the road including seed preparation for storage after drying	kg	2034.25	
2.0	62.00	Collection of grass & hardwood cutting for vegetative propagation			
	62.a	Collection of grass clumps (e.g. amliso,kans,khar) from sources within 1km of th road, o make slips for multiplication in the nursery	100 slips	1220.55	
	62.b	Collection of cuttings of small bamboos (e.g. padang bans, tite nigalo bans), suitable for traditional planting, from sources within 1km of the road. Material minimum 10cm of rooted rhizome & 90 cm of culm	1000 nos.	2441.10	
	62.c	Collection of hardwood cuttings (e.g. assur,bains,kanda phul,simali) from sources within 1km of the road. Mateial minimum 30cm in length & 2cm in diameter	1000 nos.	691.65	
3.0	63.00	Nursury Operation and management (Bed Preparation)			
	63.a	Construction of seed beds for tree seedlings,including materials for beds and shades. Bed is 1m wide * 17 cm high and made up of 5 cm of unsieved forest soil, 5cm of washed gravel, 5cm of unseived forest soil , 5cm of 1:3 mix of seived forest soil and wahsed sand , 2cm of washed ,seived and sterilised sand	5 m2	9637.62	
	63.b	Construction of stand out beds for tree seedlings in poly pots,including materials for beds and shades. Bed is 1m wide * 15 cm high with a 5 cm layer of gravel placed above the compacted ground	5 m2	12653.00	
	63.c	Construction of beds forgrass seeds,grass slips(e.g. vegetative propagation) and tree stool cuttings, including materials and hessian cover . Bed is 1m wide * 25 cm high and made up of 5 cm of washed grave placed above the ground, 5cm of 1:1 mix of seived soil and compost , and topped with 15 cm of 3:1 mix of seived forest top soil and washed sand.	5 m2	3490.80	

	63.d	Construction of beds for propagation of bamboo culm cuttings, including materials and hessian cover. Bed is 100 cm wide * 30 cm high. The ground below the bed is dug to a depth of 30 cm. Bed is made with 10 cm unseived soil and 20 cm seived soil . A bund 10 cm high is formed around the edge.	5 m2	5272.78	
4.0	64.00	Nursury operation and management (seed sowing and transplanting; planting hard wood cuttings)			
	64.a	Tree seed sowing @ 10g per m2 (medium sized seeds) or 2g per m2 (very fine seeds) in to seed beds including pre sowing seed treatment.	5 m2	94.02	
	64.b	Preparing potting mix and filling poly pots, including all materials for container seedlings. (1 kg of 200 gauge polypots (4" * 7" laid flat) = 464 bags, 200 gauge black polythene is preferred)	1000 nos	19778.35	
	64.c	Direct sowing of tree seeds in to polypots including seed treatment, by sowing one seed in half the pots and two seeds in the other half	1000 nos.	573.53	
	64.d	Pricking out young tree seedlings and transplanting into poly pots	100 nos.	144.33	
	64.e	Pricking out tree seedlings and transplanting into beds	1000 nos.	96.22	
	64.f	Transplanting grass slips in to beds from clumps. Slips are planted at 10 cm in rows 25 cm apart	m2	96.22	
	64.g	Planting of hard wood cuttings of minimum 30 cm length to 20 cm depth into prepared beds. Cuttings spaced at 5 cm centres within rows, with 20 cm between rows	1000 nos.	481.11	
5.0	65.00	Preparation of raised materials for extraction from the nursery			
	65.a	Grass culm cutting production from nursery stock; single or double node (e.g. napier)	1000 nos	561.30	
	65.b	Uprooting and preparing grass slips ready for site planting from nursery seedlings	1000 nos	505.17	
	65.c	Uprooting and preparing grass slips ready for site planting from nursery grass clumps raised from slips by vegetative propagation	1000 nos	264.61	
6.0	66.00	Compost and mulch production			
	66.a	Mulch production by collection and cutting of weeds and other vegetation such as tite pati,banmara etc. within 1 km of the road and stacking along road side	m3	962.22	
	66.b	Compost production by collection and cutting of weeds and other vegetation such as tite pati,banmara etc. within 1 km of the road, including cutting and filling compost pit	m3	962.22	
	66.c	Turning compost once per month	m3	80.19	
7.0	67.00	Direct seeding on site			
	67.a	Broadcasting grass seeds on slopes < 40 deg, seeding rate 25 g/m2	100 m2	888.33	
	67.b	Broadcasting grass seeds on slopes < 40 deg, including cover with long mulch,seeding rate 25 g/m2	100 m2	5818.50	
	67.c	Broadcasting grass seeds on slopes < 40 deg - 45 deg, including cover with long mulch and jute netting of mesh size 300 mm * 500 mm. seeding rate 25 g/m2, operation includes pegging with suitable live pegs or hard wood cutting (eg. Simali @ 1 m spacing, jute net of 6.75 m * 1 m size)	100 m2	6835.63	
	67.d	Sowing shrub or tree seeds on all slopes, at 25 cm intervals,including digging planting holes to 5 cm depth & covering with soil. Two seeds per planting hole.	100 m2	1133.70	
8.0	68.00	Planting grass cuttings on site			

	68.a	Planting single node culm cutting of grass (e.g. napier) on fill slopes < 45 deg. & embankment slopes in plain areas approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	217.74	
	68.b	Planting single node culm cutting of grass (e.g. napier) on hard cut slopes < 45 deg. approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	339.80	
	68.c	Planting single node culm cutting of grass (e.g. napier) on hard cut slopes > 45 deg. approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	461.85	
	68.d	Planting rooted grass slips on embankment slopes in plain ares at 10 cm spacing within the row. The first row is 0.75 m from the edge of the pavement and subsequent rows are spaced at 1 m intervals down the embankment	1 m	71.27	
	68.e	Planting rooted grass slips on slopes <45 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	217.74	
	68.f	Planting rooted grass slips on slopes 45 deg. - 60 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	299.11	
	68.g	Planting rooted grass slips on slopes > 60 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	380.48	
9.0	69.00	Planting shrub and tree seedlings and cuttings on site			
	69.a	Planting containerised tree and shrub seedlings pitting,transplanting,compositing and placing treeguards, on toe of embankment slopes in plain ares, not less than 8m from the road centre line , pit size 30 cm dia. * 30 cm depth. Compost volume 1/4th of the pit, mixed with original soil	10 nos	295.10	
	69.b	Planting containerised tree and shrub seedlings including pitting,transplanting,compositing and mulching on slopes < 30 deg., pit size 30 cm dia. * 30 cm depth. Mix Compost with soil and backfill into pit, to 1/4 of the pit volume	10 nos	355.04	
	69.c	Planting containerised tree and shrub seedlings including pitting,transplanting,compositing and mulching on slopes 30 deg.- 45 deg., pit size 30 cm dia. * 30 cm depth. Mix Compost with soil and backfill into pit, to 1/4 of the pit volume	10 nos	412.00	
	69.d	Planting tree stump cutting and bare root seedlings,including pitting,copositing,transplanting and mulching, onslopes < 30 deg. Pit size 10cm dia. * 20cm depth. Compost volume 1/4 th of the volume of the pit, mixed with original soil	10 nos	768.28	
	69.e	Planting tree stump cutting and bare root seedlings,including pitting,copositing,transplanting and mulching, onslopes 30 deg.- 45 deg. Pit size 10cm dia. * 20cm depth. Compost volume 1/4 th of the volume of the pit, mixed with original soil	10 nos	287.47	

	69.f	Planting rooted tree stump cuttings and bare root seedlings, including pitting,transplanting,compositing and mulching, onslopes > 45 deg. Pit size 10cm dia. * 20cm depth. Compost volume 1/4 th of the volume of the pit, mixed with original soil	10 nos	352.57	
10.0	70.00	<i>Vegitative palisade construction, brush layering and fascines</i>			
	70.a	Collection of hardwood cuttings for planting materials (e.g. assuro,kanda phul,simali) from sources within 1km of the road. Mateial to be approx. 1m in length and minimum 5cm in diameter	100 nos	691.65	
	70.b	Preparation and planting of live pegs of selected species (e.g. assuro,simali) of min. 1m length to 0.5m depth in hard around. Pegs spaced at 5cm centres within rows,with 5-20cm between rows and nterwoven with vegetation	1 m	158.33	
	70.c	Preparation and planting of live cuttings of selected species (e.g. assuro,simali) of min. 1m length to 0.5m into soft debris. Pegs spaced at 5cm centres within rows,with 5-20cm between rows and nterwoven with vegetation	1m	117.64	
	70.d	Site preparation for fascine laying : earth works in excavation of trench to 20cm depth	1m	48.82	
	70.e	Laying of live fascines,using live hardwood cuttings of selected species (e.g. Assuro,simali) of min. 1m length placed in bundles t give 4 running meters of cutings per metre of fascine, including backfilling of trench and careful compaction.	1m	186.33	
11.0	18.00	Planting grass cutting on site or turfing with sods all complete	m2	40.69	
12.0	19.00	<i>Seeding and mulching all complete</i>			
	19.a	Broadcasting grass seeds on slopes <40 deg at a seeding rate of 25 g per m2	100m2	884.30	
	19.b	Broadcasting grass seeds on slopes <40 deg including the covering with long mulch at a seeding rate of 25 g per m2	100m2	5700.00	
	19.c	Broadcasting grass seeds on slopes 40 to 45 deg including the covering with long mulch and jute netting having mesh size 300mm * 500mm @ 25 g per m2 all complete	100m2	21815.50	
13.0	72.00	<i>Fabrication of gabion bolster cylinders</i>			
	72.a	Site preparation for 30cm dia. Bolster. Each works in excavation of trench	1m	69.16	
	72.b	Site preparation for 60cm dia. Bolster. Each works in excavation of trench	1m	292.93	
	72.c	Manufacture of bolster panels : 70*100mm hexagonal mesh wire construction (10 swg frame & 12 swg mesh).	1m2	307.35	
	72.d	Construction of 30cm bolster cylinder : placing,stretching wire mesh, filling with boulders, closing and back filling	1m	445.95	
	72.e	Construction of 60cm bolster cylinder : placing,stretching wire mesh, filling with boulders, closing and back filling	1m	1173.53	
	72.f	Construction of 30cm bolster cylinder : placing,stretching wire mesh over 20 gauge black polythen sheeting, filling with boulders, closing and back filling	1m	455.95	
	72.g	Construction of 60cm bolster cylinder : placing,stretching wire mesh over 20 gauge black polythen sheeting, filling with boulders, closing and back filling	1m	771.09	
	72.h	Anchoring bolster : 12mm dia. MS re-bar cut into 2m lengths for anchorage and placed at 1m intervals	1m	170.69	
	72.i	Laying of terram paper (geoextile)	1m2	40.69	
14.0	73.00	<i>Bamboo tree guards</i>			

	73.a	Weaving bamboo tree guards using bamboo poles as uprights : 1.60m in height and weaving split bamboo with the outer wall intact around the posts. Dimensions of the guard are 0.60m da. * 1.3m high	1 no.	841.43	
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Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
 [Analysis Of Rates (Bio) for Fiscal Year 2079/2080]

S.N.	Nr.no.	Particulars	Labour				Material				T & P	O -Rate	Remarks		
			Unit	Type	mds.	Rate	Amount	Type	Unit	Qty.				Rate	Amount
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.0	61.00	Collection and Preparation of Seeds													
	61.a	Collection of Seeds from sources within 1km of the road,including seperating & preparing seed for storage & drying seed in the Sun	kg	Unskl.	1.50	790.00	1185.00						35.55	1220.55	
	61.b	Collection of large shrub seeds (e.g. bhujetro) from sources within 1km of the road including seed preparation for storage after drying	kg	Unskl.	0.45	790.00	355.50						10.67	366.17	
	61.c	Collection of medium sized shrub seeds (e.g. Keraukose) from sources within 1km of the road including seed preparation for storage after drying	kg	Unskl.	0.75	790.00	592.50						17.78	610.28	
	61.d	Collection of medium sized shrub & tree seeds (e.g. areri,khayar,gobre rani salla,sisau) from sources within 1km of the road including seed preparation for storage after drying	kg	Unskl.	0.95	790.00	750.50						22.52	773.02	
	61.e	Collection of Small shrub & tree seeds (e.g. dhanyero,tilka,uttis) from sources within 1km of the road including seed preparation for storage after drying	kg	Unskl.	2.50	790.00	1975.00						59.25	2034.25	
2.0	62.00	Collection of grass & hardwood cutting for vegetative propagation													
	62.a	Collection of grass clumps (e.g. amliso,kans,khar) from sources within 1km of th road, o make slips for multiplication in the nursery	100 slips	Unskl.	1.50	790.00	1185.00						35.55	1220.55	
	62.b	Collection of cuttings of small bamboos (e.g. padang bans, tite nigalo bans), suitable for traditional planting, from sources within 1km of the road. Material minimum 10cm of rooted rhizome & 90 cm of culm	1000 nos.	Unskl.	3.00	790.00	2370.00						71.10	2441.10	
	62.c	Collection of hardwood cuttings (e.g. assuro,bains,kanda phul,simali) from sources within 1km of the road. Mateial minimum 30cm in length & 2cm in diameter	1000 nos.	Unskl.	0.85	790.00	671.50						20.15	691.65	
3.0	63.00	Nursury Operation and management (Bed Preparation)													
	63.a	Construction of seed beds for tree seedlings,including materials for beds and shades. Bed is 1m wide * 17 cm high and made up of 5 cm of unsieved forest soil, 5cm of washed gravel, 5cm of unseived forest soil , 5cm of 1:3 mix of sieved forest soil and wahsed sand , 2cm of washed ,sieved and sterilised sand	5 m2	Unskl.	2.00	790.00	1580.00								
				Skilled	1.50	#####	1575.00								
				Bamboo	nos	9.00	290.00	2610.00							
				Pollythene	m2	9.00	35.00	315.00							

								Bricks	nos	96.00	26.83	2575.68			
								Gravel	m3	0.25	1534.07	383.52			
								Unseived Soil	m3	0.10	391.72	39.17			
								Line string	m	13.00	5.00	65.00			
								Binding wire	kg	3.00	119.99	359.98			
															3155.00
															6348.35
															134.27
															9637.62
	63.b	Construction of stand out beds for tree seedlings in poly pots,including materials for beds and shades. Bed is 1m wide * 15 cm high with a 5 cm layer of gravel placed above the compacted ground	5 m2	Unskl.	6.00	790.00	4740.00	Bamboo	nos	15.00	290.00	4350.00			
				Skilled	0.00	#####	0.00	Polythene	m2	0.00	35.00	0.00			
								Bricks	nos	96.00	26.83	2575.68			
								Gravel	m3	0.25	1534.07	383.52			
								Unseived Soil	m3	0.00	391.72	0.00			
								Line string	m	13.00	5.00	65.00			
								Binding wire	kg	3.00	119.99	359.97			
															4740.00
															7734.17
															178.83
															12653.00
	63.c	Construction of beds forgrass seeds,grass slips(e.g. vegetative propagation) and tree stool cuttings, including materials and hessian cover . Bed is 1m wide * 25 cm high and made up of 5 cm of washed grave placed above the ground, 5cm of 1:1 mix of seived soil and compost , and topped with 15 cm of 3:1 mix of seived forest top soil and washed sand	5 m2	Unskl.	1.50	790.00	1185.00	Forest soil	m3	1.46	391.72	571.91			
				Skilled	0.00	0.00	0.00	Compost	m3	0.38	250.00	95.00			
								Washed sand	m3	0.46	1639.91	754.36			
								Gravel	m3	0.38	1534.07	582.95			
								Hessian Cover	m2	10.00	25.00	250.00			
															1185.00
															2254.21
															51.59
															3490.80
	63.d	Construction of beds for propagation of bamboo culm cuttings, including materials and hessian cover. Bed is 100 cm wide * 30 cm high. The ground below the bed is dug to a depth of 30 cm. Bed is made with 10 cm unseived soil and 20 cm seived soil . A bund 10 cm high is formed around the edge.	5 m2	Unskl.	2.00	790.00	1580.00	Forest soil	m3	1.46	391.72	571.91			
				Skilled	0.00	0.00	0.00	Compost	m3	0.38	250.00	95.00			
								Bamboo	nos	6.00	290.00	1740.00			
								Gravel	m3	0.38	1534.07	582.95			
								Hessian Cover	m2	25.00	25.00	625.00			
															1580.00
															3614.85
															77.92
															5272.78
4.0	64.00	Nursury operation and management (seed sowing and transplanting; planting hard wood cuttings)													
	64.a	Tree seed sowing @ 10g per m2 (medium sized seeds) or 2g per m2 (very fine seeds) in to seed beds including pre sowing seed treatment.	5 m2	Unskl.	0.04	790.00	31.60	Seed	g	50.00	1.22	61.03	1.39		94.02
	64.b	Preparing potting mix and filling poly pots, including all materials for container seedlings. (1 kg of 200 gauge polypots (4" * 7" laid flat) = 464 bags, 200 gauge black polythene is prefered)	1000 nos	Unskl.	10.00	790.00	7900.00	Polypots	nos	1050.00	10.00	10500.00			
								Sand	m3	0.46	1639.91	754.36			
								Soil	m3	0.70	391.72	274.20			
								Compost	m3	0.23	250.00	57.50			

	68.a	Planting single node culm cutting of grass (e.g. napier) on fill slopes < 45 deg. & embankment slopes in plain areas approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	Unskl.	0.20	790.00	158.00	Grass cuttings	nos.	100.00	0.55	55.00	4.74	217.74
	68.b	Planting single node culm cutting of grass (e.g. napier) on hard cut slopes < 45 deg. approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	Unskl.	0.35	790.00	276.50	Grass cuttings	nos.	100.00	0.55	55.00	8.30	339.80
	68.c	Planting single node culm cutting of grass (e.g. napier) on hard cut slopes > 45 deg. approximate length 15 - 20 cm, including digging planting hole 10 - 20 cm depth using a metal rod or hard wood peg	100 nos	Unskl.	0.50	790.00	395.00	Grass cuttings	nos.	100.00	0.55	55.00	11.85	461.85
	68.d	Planting rooted grass slips on embankment slopes in plain areas at 10 cm spacing within the row. The first row is 0.75 m from the edge of the pavement and subsequent rows are spaced at 1 m intervals down the embankment	1 m	Unskl.	0.02	790.00	15.80	Grass cuttings	nos.	100.00	0.55	55.00	0.47	71.27
	68.e	Planting rooted grass slips on slopes <45 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	Unskl.	0.20	790.00	158.00	Grass slips	nos.	100.00	0.55	55.00	4.74	217.74
	68.f	Planting rooted grass slips on slopes 45 deg. - 60 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	Unskl.	0.30	790.00	237.00	Grass slips	nos.	100.00	0.55	55.00	7.11	299.11
	68.g	Planting rooted grass slips on slopes > 60 deg. Including preparation of slips on site. Operation includes digging planting holes to a maximum of 5 cm depth with metal rd or hard wood peg,depending on nature of soil. The planting drills should be spaced 10 cm apart.	1 m2	Unskl.	0.40	790.00	316.00	Grass slips	nos.	100.00	0.55	55.00	9.48	380.48
9.0	69.00	Planting shrub and tree seedlings and cuttings on site												
	69.a	Planting containerised tree and shrub seedlings pitting,transplanting,compositing and placing treeguards, on toe of embankment slopes in plain areas, not less than 8m from the road centre line , pit size 30 cm dia. * 30 cm depth. Compost volume 1/4th of the pit. mixed with original soil	10 nos	Unskl.	0.25	790.00	197.50	seedlings	nos.	10.00	7.00	70.00		
								compost	m3	0.05	120.00	6.00		
								Tree Guard	nos.	10.00	0.50	5.00		
								Green mulch	m3	0.04	200.00	8.00		
						197.50						89.00	8.60	295.10
	69.b	Planting containerised tree and shrub seedlings including pitting,transplanting,compositing and mulching on slopes < 30 deg., pit size 30 cm dia. * 30 cm depth. Mix Compost with soil and backfill into pit, to 1/4 of the pit volume	10 nos	Unskl.	0.33	790.00	260.70	seedlings	nos.	10.00	7.00	70.00		
								compost	m3	0.05	120.00	6.00		
								Green mulch	m3	0.04	200.00	8.00		
						260.70						84.00	10.34	355.04
	69.c	Planting containerised tree and shrub seedlings including pitting,transplanting,compositing and mulching on slopes 30 deg.- 45 deg., pit size 30 cm dia. * 30 cm depth. Mix Compost with soil and backfill into pit, to 1/4 of the pit volume	10 nos	Unskl.	0.40	790.00	316.00	seedlings	nos.	10.00	7.00	70.00		
								compost	m3	0.05	120.00	6.00		
								Green mulch	m3	0.04	200.00	8.00		

	19.c	Broadcasting grass seeds on slopes 40 to 45 deg including the covering with long mulch and jute netting having mesh size 300mm * 500mm @ 25 g per m2 all complete	100m2	Unskl.	6.25	790.00	4937.50												
								Seed	kg	2.50	300.00	750.00							
								Mulch	m3	5.00	200.00	1000.00							
								Jute net	m2	100.00	150.00	15000.00							
								Live pegs	no.	128.00	1.00	128.00							
													4937.50						
																		16878.00	
																		21815.50	
13.0	72.00	Fabrication of gabion bolster cylinders																	
	72.a	Site preparation for 30cm dia. Bolster. Each works in excavation of trench	1m	Unskl.	0.085	790.00	67.15											2.01	69.16
	72.b	Site preparation for 60cm dia. Bolster. Each works in excavation of trench	1m	Unskl.	0.36	790.00	284.40											8.53	292.93
	72.c	Manufacture of bolster panels : 70*100mm hexagonal mesh wire construction (10 swg frame & 12 swg mesh).	1m2	Unskl.	0.10	790.00	79.00	G.I. wire	kg	2.00	112.99	225.98						2.37	307.35
	72.d	Construction of 30cm bolster cylinder : placing,stretching wire mesh, filling with boulders, closing and back filling	1m	Unskl.	0.375	790.00	296.25	Boulders	m3	0.09	1564.59	140.81						8.89	445.95
	72.e	Construction of 60cm bolster cylinder : placing,stretching wire mesh, filling with boulders, closing and back filling	1m	Unskl.	0.75	790.00	592.50	Boulders	m3	0.36	1564.59	563.25						17.78	1173.53
	72.f	Construction of 30cm bolster cylinder : placing,stretching wire mesh over 20 gauge black polythen sheeting, filling with boulders, closing and back filling	1m	Unskl.	0.375	790.00	296.25	Boulders	m3	0.09	1564.59	140.81						8.89	445.95
								Black polythen	m2	0.40	25.00	10.00							10.00
																			455.95
	72.g	Construction of 60cm bolster cylinder : placing,stretching wire mesh over 20 gauge black polythen sheeting, filling with boulders, closing and back filling	1m	Unskl.	0.750	790.00	592.50	Boulders	m3	0.09	1564.59	140.81						17.78	751.09
								Black polythen	m2	0.80	25.00	20.00							20.00
																			771.09
	72.h	Anchoring bolster : 12mm dia. MS re-bar cut into 2m lengths for anchorage and placed at 1m intervals	1m	Unskl.	0.050	790.00	39.50	MS rod	m	2.00	65.00	130.00						1.19	170.69
	72.i	Laying of terram paper (geoextile)	1m2	Unskl.	0.050	790.00	39.50	Terram paper	m2	1.15		0.00						1.19	40.69
14.0	73.00	Bamboo tree guards																	
	73.a	Weaving bamboo tree guards using bamboo poles as uprights : 1.60m in height and weaving split bamboo with the outer wall intact around the posts. Dimensions of the guard are 0.60m da. * 1.3m high	1 no.	Unskl.	0.250	790.00	197.50	Bamboo	no.	2.20	290.00	638.00						5.93	841.43

Bafikot Rural Municipality
Office Of the Rural Municipal Executive
 Bafikot, Rukum (West)
Karnali Province, Nepal
(Rates of Machinery Excluding VAT)

(Fiscal Year : 2079/2080)

(The Usages Rate Includes : Cost of Repair and Maintenance, Running & Operation Charge which includes Crew, Fuel & Lubricants)

Fuel 183.99 Crew (Skilled Labour) 1050.00 Electricity/unit 8

S.N.	Equipments	Activity/Usages	Unit	Total Rate (Rs./hr.)	Ownership Charge (Rs./hr.)	Servicing (Rs./hr)	Maintenance (Rs./hr.)	Operation Charges (Rs./hr.)				Rem
								Fuel & Cost-l/hr		Operators (Crew-Rs.)		
								Fuel	Rs./hr	Crew, hr.*		
16	Generator		hr	1070.57	77.00	10.00	17.00	4.54	835.32	0.125	131.25	
17	Electric Hand Driller		hr	123.00	105.00		10.00	1.00	8.00			1 unit
20	Hydraulic Excavator	Soil Excavation	hr	3840.73	620.00	165.00	275.00	14.40	2649.48	0.125	131.25	
27	Backhoe (0.2 bucket)	Excavation	hr	2838.53	543.00	136.00	227.00	9.79	1801.28	0.125	131.25	
29	Concrete Mixture		hr	398.26	31.00	3.00	11.00	1.92	353.26			
31	Grader		hr	3349.46	1016.00	256.00	351.00	8.67	1595.21	0.125	131.25	
40	Smooth Wheeled Roller		hr	1350.81	173.00	13.00	40.00	5.40	993.56	0.125	131.25	
42	Tipper		hr	1601.04	148.00	23.00	55.00	6.76	1243.79	0.125	131.25	
43	Tractor with Ripper		hr	1088.21	83.00	13.00	33.00	4.50	827.96	0.125	131.25	
44	Tipper Truck		hr	2840.36	532.00	37.00	153.00	10.80	1987.11	0.125	131.25	
45	Vibrator Roller		hr	2156.71	461.00	66.00	159.00	7.28	1339.46	0.125	131.25	
46	Water Tanker		hr	1344.10	270.00	38.00	110.00	4.32	794.85	0.125	131.25	

Note :

1 Travelling/Transportation cost of Machine & Fuel shall be added extra.