



पाणिनी गाउँपालिका  
गाउँकार्यपालिकाको कार्यालय  
दुर्गाफाँट, अर्घाखाँची  
लुम्बिनी प्रदेश, नेपाल

निर्माण कार्यको दररेट  
Analysis of Rates

Work By Construction Firms

आ.व. २०८१/०८२

लागू हुने क्षेत्र: पाणिनी गाउँपालिका, अर्घाखाँची

प्रस्तुत दररेट Rate Analysis Norms, Department of Urban Development and Building Construction र Department of Roads को नर्मस् पुस्तिका अनुसार तयार गरिएको छ । यो दररेट निर्माण कार्यहरूको निकासको निमित्त बजेट तयार गर्न ईष्टिमेट गर्न तथा निर्माण तथा मर्मत कार्यहरूको मूल्याङ्कन तयार गर्नमा लागु हुनेछ । खुद निर्माण गर्दा लाग्ने खर्च यो दररेट भन्दा बढी अथवा घटी पनि हुन सक्नेछ ।

तयार गर्ने  
स.ई. रञ्जु पोखरेल  
स.ई. उमानाथ पौडेल  
स.ई. देवराज घिमिरे  
स.ई. सपना न्यौपाने  
अ.स.ई. अर्थ कुमार चौधरी

सिफारिश गर्ने  
ई. मोह राज पौडेल  
इन्जिनियर

स्वीकृत गर्ने  
प्र.प्र.अधिकृत रोमनाथ न्यौपाने  
रोमनाथ न्यौपाने  
प्रमुख प्रशासकीय अधिकृत



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दुर्गाफाँट, अर्घाखाँची

लुम्बिनी प्रदेश, नेपाल

ठेक्का मार्फत गरिने निर्माण कार्यहरूको दररेटको सारांश (भ्याट बाहेक)

आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
A	General				
1	Flex Print in metal Frame Hoarding Board as per instruction of Engineer.	L.S.	3000.00		
2	Metal Frame with Painting Hoarding Board as per instruction of Engineer.	L.S.	5000.00		
B	Site Clearance Works				
3	Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation. By Manual Means	Sqm	18.40	DoR201 1 (i) A	1
4	Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation in area of thorny Jungles (More than 15 nos. per 100Sqgm). By Manual Means	Sqm	27.60	DoR201 1 (i) B	2
5	Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation. By using Machine	Sqm	4.93	DoR201 1 (ii) A	3
6	Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation in area of thorny Jungles (More than 15 nos. per 100Sqgm). By <del>Manual Means</del> <i>Machins.</i>	Sqm	5.59	DoR201 1 (ii) B	4
7	Roadway Excavation in all types of soil as per drawing and technical specification, including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer. Manually	Cum	735.37	DoR905 I A	5
8	Roadway Excavation in Ordinary Rock as per drawing and technical specification, including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer. Manually	Cum	851.85	DoR905 IIA	6

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आ.ब. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
9	Road way Excavation Using Machine in all types of soil as per Drawing and technical specifications including removal of stumps and other deleterious matter, all lifts and lead as per Drawing and instruction of the Engineer.	Cum	71.83	DOR/905 IB	9
10	Road way Excavation Using Machine in Ordinary Rock as per Drawing and technical specifications including removal of stumps and other deleterious matter, all lifts and lead as per Drawing and instruction of the Engineer.	Cum	215.50	DOR/9.1 IIB 905	10
11	Roadway Excavation in hard rock with rock breakers, including breaking rock, lifts and lead for disposal as per Drawing and Technical Specifications Mechanical method, lead upto 30 m	Cum	2018.76	DOR/9.1IV 905	11
12	Roadway Excavation Using Machine in marshy soil as per Drawing and Technical Specifications	Cum	89.27	DoR/9.1V 905	13
13	Earth work in excavation of foundation of structures in Ordinary Soil including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications. Manually	Cum	107.75	DoRI A i	14
14	Earth work in excavation of foundation of structures in Ordinary Rock not required blasting including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications. Manually	Cum	1071.97	DoRIII A	8
15	Earth work in excavation of foundation of structures Using Machine in Ordinary Soil including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications.	Cum	882.45	DoR/9.4B;907	7
16	Earth work in excavation of foundation of structures Using Machine in Ordinary Rock not required blasting including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications.	Cum	2018.76	DoR/9.4Bii907	11
17	Removal of earth from the choked hill side drain and disposing it on the valley side manually	Cum	212.75	DoR/29.18 2900,900	16
18	Clearance of land slides in soil and ordinary rock by machine and disposal of the same on the valley side	Cum	51.72	DoR/29.19A 2900,900	17

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रामनाथ न्यौपाने

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अ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
19	Providing, laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications (Manually)	Cum	655.00	DoR/9.9A909,910	14
20	Providing, laying, spreading and compacting embankment Using Machine with roadway cutting material and compact to the required density as per Drawing and Technical Specifications.	Cum	107.67	DoR9.9B909,910	19
21	Providing, laying, spreading and compacting embankment with borrow material Using Machine as per Drawing and Technical Specifications.	Cum	186.32	DOR 909,910	20
22	Providing suitable material and Back filling behind abutment, wing wall and return wall using Granular Material complete Using Machine as per Drawing and Technical Specifications.	Cum	2994.93	DOR908A	21
23	Providing suitable material and Back filling behind abutment, wing wall and return wall using locally available Material complete Using Machine as per Drawing and Technical Specifications.	Cum	3013.05	DOR 908D	22
24	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications. Stone from Market	Cum	4617.59	DOR 10.8	23
25	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications. Stone Locally Available	Cum	4617.59	DOR 10.8	24
26	Brick Flat Soling & Levelling Works	Sqm	1021.17	DUDBC/H-15,11-15(KA)	25
27	Brick Edge Soling & Levelling Works	Sqm	1854.00	DUDBC/H-15,11-15(KHA)	26
C	<b>Road Works</b>				
28	Providing and laying local Gravel (रेटो) on Potholes and spreading manually/Machine without compaction	Cum	1157.56	DoR/12.1B 1201 Taking reference	170
29	Providing and laying granular subbase on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and technical specification.	Cum	2502.35	DoR/12.1B 1201	169

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आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Nor
30	Providing and laying of Plain Cement Concrete M 10 ( or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications. Manually (sand,aggregate-river/quarry, cement-Pcc)	Cum	8541.17	D0R 20.1 2000	27
31	Providing and laying of Plain Cement Concrete/Reinforced Cement Concrete M 15 ( or 1:2:4 for nominal mix) in Foundation complete as per Drawing and Technical Specifications. (sand,aggregate-river/quarry, cement-Pcc)	Cum	9968.26	D0R 20.2 2000	28
32	Providing and laying plum concrete (boulder mix concrete) as per drawing and specification 60% M15 concrete and 40% boulder stone Manually Mixed	Cum	10149.82	D0R 24.21 A II	29
33	Providing and laying plum concrete Using Machine (boulder mix concrete) as per drawing and specification 60% M15 concrete and 40% boulder stone. (sand,aggregate-river/quarry, cement-Pcc)	Cum	8614.46	D0R 24.21 A II	30
34	Cement concrete work R.C.C. 1:1.5:3 for RCC Structure in Superstructure and a lead of 30m in Using Machine (sand,aggregate-river/quarry, cement-Pcc)	Cum	13574.03	D0R 20.2 C 2000	31
35	Cement concrete work M15 1:1:2 for RCC Structure in Superstructure and a lead of 30m in Using Machine (sand,aggregate-crusher cement-Opc)	Cum	14362.07	D0R 20.2 E 2000	32
36	Providing and laying, fitting and placing un-coated Mild steel / HYSD reinforcement complete in foundation as per drawing and technical specification	KG	138.19	D0R 20.3 2014	33
D	<b>Building Works</b>				
I	<b>Using Machine</b>				
37	Cement concrete work M10 (1:3:6) in foundation, wall including collection of materials and a lead of 30m in (Machine) (sand,aggregate-river/quarry, cement-Pcc)	Cum	10669.33	DUDBC/D-3	34
38	Cement concrete work M15 (1:2:4) in foundation, wall including collection of materials and a lead of 30m in (Machine) (sand,aggregate-river/quarry, cement-Pcc)	Cum	11792.05	DUDBC/D-3	35

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आ.व. २०८१/०८२

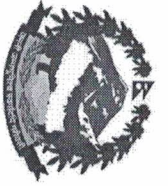
S.N.	Work Description	Unit	Rate	Norms	Norm S.T.
39	Cement concrete work M20 (1:1.5:3) in Superstructure including collection of materials and a lead of 30m in (Machine)(sand,aggregate-crusher cement-Opc)	Cum	15826.90	DUDBC/D-4	36
40	Cement concrete work M25 (1:1:2) in Superstructure including collection of materials and a lead of 30m in (Machine)(sand,aggregate-crusher cement-Opc)	Cum	18838.44	DUDBC/D-4	37
II	<b>Manually</b>				
41	Cement concrete work M10 (1:3:6) in foundation, wall including collection of materials and a lead of 30m in (Manual)(sand,aggregate-river/quarry, cement-Pcc)	Cum	11052.29	DUDBC/D-1, 7-2 (ga)	39
42	Cement concrete work M15 (1:2:4) in foundation, wall including collection of materials and a lead of 30m in (Manual)(sand,aggregate-river/quarry, cement-Pcc)	Cum	12149.57	DUDBC/D-1, 7-2 (gha)	40
43	Cement concrete work M20 (1:1.5:3) in Superstructure including collection of materials and a lead of 30m in (Manual)(sand,aggregate-crusher, cement-Opc)	Cum	18633.84	DUDBC/D-2, 7-4 (kha)	41
44	Cutting, bending, placing in position according to the drawing and binding of Tor Steel rod for R.C.C. works including a lead of 30m (7-5)	MT	145.26	DUDBC D-9,7-5	47
<b>Brick Masonry Works</b>					
45	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (Brick Work with Mud Mortar)	Cum	12584.24	DUDBC/DC-2.5-1(KHA-6),5-2KA	48
46	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:3 Cement sand mortar)	Cum	15694.21	DUDBC/C-2.5-1(KHA-1),5-2KA	50
47	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:4 Cement sand mortar)	Cum	15277.07	DUDBC/C-2.5-1(KHA-2),5-2KA	51

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प्रमुख प्रशासकीय अधिकृत





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ढेका मार्फत गरिने निर्माण कार्यहरूको दररेटको सारांश (भ्याट बाहिक)

आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
48	Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:6 Cement sand mortar)	Cum	14941.64	DUDBC/C-2,5-1(KHA-2),5-2KA	52
49	Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:3 Cement sand mortar)	Cum	15180.16	DUDBC/C-1,5-1(KA-1),5-2KA	53
50	Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:4 Cement sand mortar)	Cum	14742.01	DUDBC/C-1,5-1(KA-2),5-2KA	54
51	Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m (First Class Brick Work with 1:6 Cement sand mortar)	Cum	14427.59	DUDBC/C-1,5-1(KA-3),5-2KA	55
52	गाह्रोको बाहिरी सतहमा दाची अण्डा प्रयोग गरी सिमेन्ट बालुवा १:४ मसलामा गाह्रो लगाई चुना सुकीले टिक्कर समेत गर्ने काम	Sqm	780.37	DUDBC/C-3	49
A	Stone Masonry Works				
1	Road Works				
53	Providing and laying of dry Stone Masonry Work as per Drawing and Technical Specifications.	Cum	4744.81	DOR 2602,2603,2608	59
54	Providing and laying of Random rubble stone Masonry in mud Mortar as per Drawing and Technical Specifications.	Cum	6170.61	DOR 2602,2603,2608	60
55	Stone (rubble) masonry work upto 5 m height including collection of hard block stones, preparation of cement mortar (1:3) including weep hole of 4inch pipe per square meter, pointing works and a lead of 10 m.	Cum	9245.84	DOR 2602,2603,2607 A	56
56	Stone (rubble) masonry work upto 5 m height including collection of hard block stones, preparation of cement mortar (1:4) including weep hole of 4inch pipe per square meter, pointing works and a lead of 10 m.	Cum	8864.30	DOR 2602,2603,2607 B	57
57	Stone (rubble) masonry work upto 5 m height including collection of hard block stones, preparation of cement mortar (1:6) including weep hole of 4inch pipe per square meter, pointing works and a lead of 10 m.	Cum	8579.37	DOR 2602,2603,2607 C	58

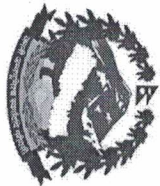
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प्रमुख प्रशासकीय अधिकृत



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आ.क्र. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm
58	Making wooden formwork including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance. Column	Sqm	1407.04	DUDBC/E-1,8-3KA	66
59	Making plywood formwork including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance. Column	Sqm	703.81	DUDBC/E-2,51KHA	67
60	Making wooden formwork including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance. Beam	Sqm	1472.25	DUDBC/E-1,8-4KA	68
61	Making 19 mm plywood formwork including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance. Beam	Sqm	1178.46	DUDBC/E-5,51KA	69
62	Making plywood formwork with metal pipe including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance. Slab	Sqm	842.52	DUDBC/E-6,8-4KA	70
I	Plaster Works				
I	Wall				
63	12.5 mm thick cement plaster in wall Cement sand Mortar (1:2) (sand-crusher, cement-Opc)	Sqm	430.95	DUDBC/I-1,12-1(GA)	71
64	12.5 mm thick cement plaster in wall Cement sand Mortar (1:3) (sand-crusher, cement-Opc)	Sqm	397.62	DUDBC/I-1,12-1(GA)	72
65	12.5 mm thick cement plaster in wall Cement sand Mortar (1:4) (sand-crusher, cement-Opc)	Sqm	390.45	DUDBC/I-1,12-1(GA)	73
66	12.5 mm thick cement plaster in wall Cement sand Mortar (1:6) (sand-crusher, cement-Opc)	Sqm	373.14	DUDBC/I-1,12-1(GHA)	74
II	Ceiling				
67	12.5 mm thick cement plaster in Ceiling Cement sand Mortar (1:2) (sand-crusher, cement-Opc)	Sqm	503.98	DUDBC/I-1,12-1(GA)	75
68	12.5 mm thick cement plaster in Ceiling Cement sand Mortar (1:3) (sand-crusher, cement-Opc)	Sqm	470.64	DUDBC/I-1,12-1(GA) AND I-7,12-1 KA	76
69	12.5 mm thick cement plaster in Ceiling Cement sand Mortar (1:4) (sand-crusher, cement-Opc)	Sqm	463.48	DUDBC/I-1,12-1(GA) AND I-7,12-1 KHA	77

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प्रमुख प्रशासकीय अधिकृत

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आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.T.
70	12.5 mm thick cement plaster in Ceiling Cement sand Mortar (1:6) (sand-crusher, cement-Opc)	Sqm	446.16	DUDBC/I-1,12-1(GHA)	77
III	Wall				
71	20 mm thick cement plaster in wall Cement sand Mortar (1:3) (sand-crusher, cement-Opc)	Sqm	505.59	DUDBC/I-1,12-4(KA)	77
72	20 mm thick cement plaster in wall Cement sand Mortar (1:4) (sand-crusher, cement-Opc)	Sqm	491.97	DUDBC/I-1,12-4(KHA)	80
73	20 mm thick cement plaster in wall Cement sand Mortar (1:6) (sand-crusher, cement-Opc)	Sqm	464.92	DUDBC/I-1,12-4(GA)	81
	Pointing Works				
74	Flush ruled cement pointing in boulder or stone masonry wall in Cement sand mortar 1:1 (sand-crusher, cement-Opc)	Sqm	335.58	DUDBC/I-9,14-2(KA)	82
75	Flush ruled cement pointing in boulder or stone masonry wall in Cement sand mortar 1:2 (sand-crusher, cement-Opc)	Sqm	312.85	DUDBC/I-9,14-2(KHA)	83
76	Flush ruled cement pointing in boulder or stone masonry wall in Cement sand mortar 1:3 (sand-crusher, cement-Opc)	Sqm	301.28	DUDBC/I-9,14-2(GA)	84
77	Flush ruled cement pointing in Brick masonry wall in Cement sand mortar 1:1 (sand-crusher, cement-Opc)	Sqm	281.56	DUDBC/I-8,14-1(KA)	85
78	Flush ruled cement pointing in Brick masonry wall in Cement sand mortar 1:2 (sand-crusher, cement-Opc)	Sqm	269.70	DUDBC/I-8,14-1(KA)	86
	CGI Sheet Roofing Works				
79	C.G.I. sheet 24 gauge heavy 0.52mm roofing Fitting, Fixing including labor and materials.	Sqm	1530.41	DUDBC/F-1,9-1	87
80	C.G.I. sheet 24 gauge medium 0.5mm roofing Fitting, Fixing including labor and materials.	Sqm	1530.41	DUDBC/F-1,9-1	88
81	C.G.I. sheet 26 gauge heavy 0.41mm roofing Fitting, Fixing including labor and materials.	Sqm	1254.26	DUDBC/F-1,9-1	89
82	C.G.I. sheet 26 gauge medium 0.38mm roofing Fitting, Fixing including labor and materials.	Sqm	1224.52	DUDBC/F-1,9-1	90
83	C.G.I. sheet 26 gauge light 0.35mm roofing Fitting, Fixing including labor and materials.	Sqm	1122.56	DUDBC/F-1,9-1	91
84	C.G.I. sheet 28 gauge medium 0.28mm roofing Fitting, Fixing including labor and materials.	Sqm	935.63	DUDBC/F-1,9-1	92
85	C.G.I. sheet 28 gauge light 0.26mm roofing Fitting, Fixing including labor and materials.	Sqm	927.14	DUDBC/F-1,9-1	93
86	C.G.I. sheet colored 24 gauge heavy 0.52mm roofing Fitting, Fixing including labor and materials.	Sqm	1640.87	DUDBC/F-1,9-1	94
87	C.G.I. sheet colored 24 gauge medium 0.5mm roofing Fitting, Fixing including labor and materials.	Sqm	1640.87	DUDBC/F-1,9-1	95

81/01

8/01

इन्जिनियर

प्रमुख प्रशासकीय अधिकृत

पत्राङ्क



पाणिनी गाउँपालिका  
गाउँ कार्यपालिकाको कार्यालय  
दुर्गाफाँट, अर्घाखाँची  
लुम्बिनी प्रदेश, नेपाल



ठेक्का माफत गरिने निर्माण कार्यहरूको दररेटको सारांश (भ्याट बाहेक)

आ.सं. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
88	C.G.I. sheet colored 26 gauge heavy 0.41mm roofing Fitting, Fixing including labor and materials.	Sqm	1275.51	DUDBC/F-1,9-1	96
89	C.G.I. sheet colored 26 gauge medium 0.38mm roofing Fitting, Fixing including labor and materials.	Sqm	1250.02	DUDBC/F-1,9-1	97
90	C.G.I. sheet colored 26 gauge light 0.35mm roofing Fitting, Fixing including labor and materials.	Sqm	1190.54	DUDBC/F-1,9-1	98
91	C.G.I. sheet colored 28 gauge heavy 0.31mm roofing Fitting, Fixing including labor and materials.	Sqm	1084.33	DUDBC/F-3,9-1	99
92	C.G.I. sheet colored 28 gauge medium 0.28mm roofing Fitting, Fixing including labor and materials.	Sqm	1003.61	DUDBC/F-3,9-1	100
93	C.G.I. sheet colored 28 gauge light 0.26mm roofing Fitting, Fixing including labor and materials.	Sqm	995.11	DUDBC/F-3,9-1	101
<b>CGI Sheet Ridge Covering Works</b>					
94	Ridge Covering by Plain Sheet 26 gauge Heavy .42mm	Sqm	1111.53	DUDBC/F-2,9-2	102
95	Ridge Covering by Plain Sheet 24 gauge Heavy .5mm	Sqm	1279.98	DUDBC/F-2,9-2	103
96	Ridge Covering by Color Sheet 26 gauge Heavy .4mm	Sqm	1124.49	DUDBC/F-4,9-2	104
97	Ridge Covering by Color Sheet 24 gauge Heavy .5mm	Sqm	1347.36	DUDBC/F-4,9-2	105
<b>Flooring &amp; Finishing Works</b>					
98	38mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing (sand,aggregate-crusher, cement-Op)	Sqm	633.77	DUDBC/H-1,11-1(KHA)	106
99	50mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing (sand,aggregate-crusher, cement-Op)	Sqm	767.67	DUDBC/H-1,11-1(GA)	107
100	75mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing (sand,aggregate-crusher, cement-Op)	Sqm	1009.58	DUDBC/H-1,11-1(GA)	108
<b>Interlock Block Works</b>					
101	Laying and levelling of 50mm Hexagonal Heavy duty cement concrete interlock block over crusher stone dust	Sqm	2496.65	DUDBC/H-22	109
102	Laying and levelling of 60mm Hexagonal Heavy duty cement concrete interlock block over crusher stone dust	Sqm	2699.05	DUDBC/H-23	110

सिमेन्ट पनिङ्ग गर्ने कार्य

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रोमनाथ त्योंपाने  
प्रमुख प्रशासकीय अधिकृत





पाणिनी गाउँपालिका

गाउँ कार्यपालिकाको कार्यालय

दुर्गाफाँट, अर्घाखाँची

लुम्बिनी प्रदेश, नेपाल



ठेक्का मार्फत गरिने निर्माण कार्यहरूको दररेटको सारांश (स्थायी बाहेक)

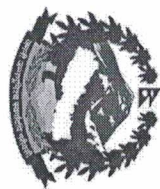
आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.
103	3 mm thick 1:1 cement punning works in proper line & level on plaster surface with cleaning surface, filling voids & levelling surface all complete including supplying, mixing, placing & curing of works (cement-opc)	Sqm	279.68	DUDBC/F-23	11
<b>Tile Works</b>					
104	Porceline glazed flooring tiles digital(24"*24") branded work in 1:4 c/m with finishing(sand-crusher, cement opc.and use white cement in filler)	Sqm	3594.52	DUDBC/F-23	11
105	Porceline glazed flooring tiles digital work(12"*12") in 1:4 c/m with finishing (sand-crusher, cement opc.and use white cement in filler)	Sqm	3254.24	DUDBC/F-23	11
106	Porceline glazed tiles work for wall in 1:4 c/m with finishing (sand-crusher, cement opc.and use white cement in filler)	Sqm	3050.06	DUDBC/F-23	11
107	Flooring tiles work for wall in 1:4 c/m with finishing (sand-crusher, cement opc.and use white cement in filler)	Sqm	3050.06	DUDBC/F-23	11
<b>Fencing Works</b>					
108	50mm black pipe post in 2m with 20X20X4 and 25X25X4 angle frame 10swg GI Chain Link 2"X2" mesh size 3X20 flat grill of 15m height including fabrication and primer paint.	Sqm	3417.89	DUDBC/M-12	12
109	50mm black pipe post in 2m with 25X25X4 angle frame 7mm diagonal metal rod in size 62mmX62mm with 3X20 flat grill of 1.5m height including fabrication and primer paint.	Sqm	3235.47	DUDBC/M-13	12
<b>River Training Works</b>					
110	Providing Mechanically woven double twisted crates/ mattress Heavy Zinc coated Hexagonal Mesh type 100mm X 120mm, mesh wire 3mm, selvedge wire 3.9mm, lacing wire 2.4mm including rolling, cutting and with lacing wire and binding wire as per specification	Sqm	330.05	DoR/24.2.A,2402	12
111	Assembling of wire crates/ gabion revetment and placing them in position including stretching binding them together and tying down lids.	Sqm	72.59	DoR/24.3 2402	12

११/०८/२१

इन्जिनियर

प्रमुख प्रशासकीय अधिकृत



पाणिनी गाउँपालिका  
गाउँ कार्यपालिकाको कार्यालय  
दुर्गाफाँट, अर्घाखाँची  
लुम्बिनी प्रदेश, नेपाल



ठेक्का मार्फत गरिने निर्माण कार्यहरूको दररेटको सारांश (भ्याट बाहेक)

आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
112	Providing and filling stone/boulder in gabion boxes/mattress etc. including dressing, bedding, bonding all complete as per Drawing and technical specifications.	Cum	3184.01	DoR/24.4 2402	12
<b>Gabion Works</b>					
113	Supplying of machine made Gabion Box with hexagonal mesh size 100*120mm ,mesh wire 10SWG, salvage wire 7SWG, binding wire 13SWG medium class of gabion wire, assembling crates/ gabion revetment and placing them in position with stone all complete with partition in 1 mtr longitudinal direction, including stretching binding them together and tying down lids.(44-1,44-2,45)	Cum	5410.77		12
<b>Door/Window works</b>					
114	Wood work for frames including fixing (Size of door 900 * 2100) (Size of wood : 100 x 75 mm) (10-1) Salwood	Cum	295998.76	DUDBC/G-1,10-1	13
115	Wood work for frames including fixing (Size of door 900 * 2100) (Size of wood : 100 x 75 mm) (10-1) Local wood	Cum	109142.62	DUDBC/G-1,10-1	13
116	38mm thick wood frame for panelled door shutter (10-2) Salwood Shutter	Sqm	15758.22	DUDBC/G-2,10-2	13
117	38mm thick wood frame for panelled door shutter (10-2) Local wood Shutter	Sqm	9335.41	DUDBC/G-2,10-2	13
118	38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m) 3mm commercial plywood double side	Sqm	8726.29	DUDBC/G-4,10-7	13
119	38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m) 3mm teak plywood double side	Sqm	9174.77	DUDBC/G-4,10-8	13
120	38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m) 28gauge plain sheet both side	Sqm	9240.00	DUDBC/G-4,10-9	13
121	38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m) 28gauge plain sheet single side	Sqm	8805.05	DUDBC/G-4,10-9	13
122	38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m) Mosquito proof wire shutter work with 27 gauge G.I. mesh	Sqm	6400.93	DUDBC/G-4,10-10	13
<b>Painting Works</b>					
123	Single coat white washing on newly plastered Surface	Sqm	21.87	DUDBC/J-1,13-1(KA)	14

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रोमनाथ न्यौपाने  
प्रमुख प्रशासकीय अधिकृत





पाणिनी गाउँपालिका

गाउँ कार्यपालिकाको कार्यालय

दुर्गाफाँट, अर्घाखाँची

लुम्बिनी प्रदेश, नेपाल



ढेक्का मार्फत गरिने निर्माण कार्यहरूको दररेटको सारांश (भ्याट बाहेक)

आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.L.
124	Double coat of White washing ( Lime) on newly plastered surface	Sqm	38.81	DUDBC/J-1,13-1(KHA)	14
125	3 Coats of White washing ( Lime) on newly plastered surface ( 13 .1 kha)	Sqm	76.45	DUDBC/J-1,13-1(GA)	14
126	White washing in lime on old Plastered surface	Sqm	20.33	DUDBC/J-2,13-2	14
127	Double coat of distemper over one coat of primer	Sqm	160.94	DUDBC/J-3,13-3	14
128	Single coat Water proof cement paint	Sqm	62.04	DUDBC/J-4,13-4(KA)	14
129	Double coat of water proof cement paint	Sqm	148.21	DUDBC/J-4,13-4(KHA)	14
130	Exterior Single coat of emulsion paint(Apex or equivalent) over one coat of primer	Sqm	220.51	DUDBC/J-5,13-5(KA-KHA)	15
131	Exterior Single coat of emulsion paint(Ace or equivalent) over one coat of primer	Sqm	256.74	DUDBC/J-5,13-5(KA-KHA)	15
132	Interior Single coat of emulsion paint(luxurious or equivalent) over one coat of primer	Sqm	212.23	DUDBC/J-5,13-5(KA-KHA)	15
133	Interior Single coat of emulsion paint(Premium or equivalent) over one coat of primer	Sqm	212.23	DUDBC/J-5,13-5(KA-KHA)	15
134	Interior Single coat of emulsion paint over one coat of primer	Sqm	200.85	DUDBC/J-5,13-5(KA-KHA)	15
135	Exterior Double coat of emulsion paint(Apex or equivalent) over one coat of primer	Sqm	306.19	DUDBC/J-5,13-5(KA-KHA-GA)	15
136	Exterior Double coat of emulsion paint(Ace or equivalent) over one coat of primer	Sqm	370.59	DUDBC/J-5,13-5(KA-KHA-GA)	15
137	Interior Double coat of emulsion paint(Luxurious or equivalent) over one coat of primer	Sqm	291.47	DUDBC/J-5,13-5(KA-KHA-GA)	15
138	Interior Double coat of emulsion paint(Premium or equivalent) over one coat of primer	Sqm	291.47	DUDBC/J-5,13-5(KA-KHA-GA)	15

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सुमनराय त्र्यौपाने  
प्रमुख प्रशासकीय अधिकृत



पाणिनी गाउँपालिका

गाउँ कार्यपालिकाको कार्यालय

दुर्गाफाँट, अर्घाखाँची

लुम्बिनी प्रदेश, नेपाल



गाउँ कार्यपालिकाको कार्यालय  
दुर्गाफाँट, अर्घाखाँची

ठेक्का माफत गरिने निर्माण कार्यहरूको दररेटको सारांश (ध्यात बाहेक)

आ.व. २०८१/०८२

S.N.	Work Description	Unit	Rate	Norms	Norm S.N.
139	Interior Double coat of emulsion paint over one coat of primer	Sqm	291.47	DUDBC/J-5,13-5(KA-KHA-GA)	15
140	Single coat of Aluminium Paint without primer	Sqm	124.24	DUDBC/J-20,13-6	16
141	Double coat of Aluminium Paint without primer	Sqm	252.65	DUDBC/J-21,13-6	16
142	Double coat of Aluminium Paint over one coat of primer in Metal	Sqm	339.76	DUDBC/J-6,13-6	16
143	Red oxide single coat	Sqm	122.42	DUDBC/J-11,12-4(GA)	16
144	Red oxide double coat	Sqm	213.90	DUDBC/J-11,12-4(GHA)	16
145	Enamel Paint(White) Single coat without Primer	Sqm	151.23	DUDBC/J-16,13-5(KHA)	16
146	Enamel Paint(Different colour) Single coat without Primer	Sqm	146.05	DUDBC/J-16,13-5(KHA)	16
147	Enamel Paint(white) Double coat without primer	Sqm	283.48	DUDBC/J-17,13-5(KHA-GA)	16
148	Enamel Paint(Different colour) Double coat without primer	Sqm	274.28	DUDBC/J-17,13-5(KHA-GA)	16
149	इयालमा ३ मिमि X २० मिमि को Flat राखि ८ मिमि को Square Rod १० Cm Spacing मा राखी थिल तयार गर्ने कार्य पेन्टिङ सहित (एक कोट रैड अक्साईड प्राईमर सहित १ कोट पेन्टिङ गर्ने कार्य)	Sqm	2813.19	DUDBC/J-17,13-5(KHA-GA)	17
150	इयालमा ३ मिमि X २० मिमि को Flat राखि १० मिमि को Square Rod १० Cm Spacing मा राखी थिल तयार गर्ने कार्य पेन्टिङ सहित (एक कोट रैड अक्साईड प्राईमर र १ कोट पेन्टिङ समेत)	Sqm	3484.41	DUDBC/J-17,13-5(KHA-GA)	17
151	ब्लेक प्राईमको ट्रेस पलिने योक्टेर प्रयोग गरी ट्रेस निर्माण गर्ने कार्य पेन्टिङ सहित (एक कोट रैड अक्साईड प्राईमर र १ कोट पेन्टिङ समेत)	kg	196.51	DUDBC/J-17,13-5(KHA-GA)	17

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*Shrestha*

रोमनाथ न्यौपाने

प्रमुख प्रशासकीय अधिकृत





**Panini Rural Municipality**

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

**SITE CLEARANCE**

**1** Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation. By Manual Means

a. Manually		Norms Source :		DoR	ANALYZED FOR :			10000
		Norms No.	201 1 (i) A		UNIT :			sqm.
A. Material	Unit	Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
					Unskilled labour	800.00	200.00	160000.00
Material Cost :				0	B. Labour Cost :			160000.00
D. Sub-total (A+B).....								160000.00
Overhead@15% of sub-total								24000.00
Site Clearance Work per sqm.....								18.40

**2** Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation in area of thorny Jungles (More than 15 nos. per 100Sqm). By Manual Means

a. Manually		Norms Source :		DoR	ANALYZED FOR :			10000
		Norms No.	201 1 (i) B		UNIT :			sqm.
A. Material	Unit	Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
					Unskilled labour	800.00	300.00	240000.00
Material Cost :				0	B. Labour Cost :			240000.00
D. Sub-total (A+B).....								240000.00
Overhead@15% of sub-total								36000.00
Site Clearance Work per sqm.....								27.60

**3** Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation. By using Machine

b. Using Machine		Norms Source :		DoR	ANALYZED FOR :			10000
		Norms No.	201 1 (ii) A		UNIT :			sqm.
A. Material / Machine	Unit	Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
Dozer/ Excavator	Hrs.	3172.84	12.00	38074.11504	Unskilled labour	800.00	6.00	4800.00
Material Cost :				38074.11504	B. Labour Cost :			4800.00
D. Sub-total (A+B).....								42874.12
Overhead@15% of sub-total								6431.12
Site Clearance Work per sqm.....								4.93

**4** Clearing Grass and Removal of Rubbish and Dressing and levelling the construction surface Clearing grass/ top soil and removal up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation in area of thorny Jungles (More than 15 nos. per 100Sqm). By Manual Means

a. Using Machine		Norms Source :		DoR	ANALYZED FOR :			10000
		Norms No.	201 1 (ii) B		UNIT :			sqm.
A. Material	Unit	Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
Dozer/ Excavator	Hrs.	3172.84	12.00	38074.11504	Unskilled labour	800.00	9.00	7200.00
Material Cost :				38074.11504	B. Labour Cost :			7200.00
D. Sub-total (A+B).....								45274.12
Overhead@15% of sub-total								6791.12
Site Clearance Work per sqm.....								5.21

**EARTHWORK EXCAVATION**

**1** Manually  
Roadway Excavation in all types of soil as per drawing and technical specification, including removal of stumps and other deleterious matter, with all lifts and lead as per Drawing and instruction of the Engineer. Unit = cum (For 12 cum)

a. All type of Soil		Norms Source :		DoR	ANALYZED FOR :			12
		Norms No.	905 I A		UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Skilled labour	1050.00	1.00	1050.00
					Unskilled labour	800.00	8.00	6400.00
A. Material Cost :				0	B. Labour Cost :			7450.00
C. Tools & plants @ 3 % of labour cost.....								223.50
D. Sub-total (A+B+C).....								7673.50
Overhead@15% of sub-total								1151.03
E/W excavation in ordinary soil per cum.....								735.37

**6** c. Ordinary rock

c. Ordinary rock		Norms Source :		DoR	ANALYZED FOR :			60.00
		Norms No.	905 IIA		UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	50.00	40000.00
					Skilled Labour	1050	3	3150.00
A. Material Cost :				0	B. Labour Cost :			43150.00
C. Tools & plants @ 3 % of labour cost.....								1294.50
D. Sub-total (A+B+C).....								44444.50
Overhead@15% of sub-total								6666.68
E/W excavation in ordinary rock per cum.....								851.85

**7** Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications.





**Panini Rural Municipality**

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

**Manually**

<b>a. Ordinary soil</b>		Norms Source :		DoR	ANALYZED FOR :			10
Depth upto 3m		Norms No.		I A i	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	8.00	6400.00
					Skilled Labour	1050	1	1050.00
A. Material Cost :				0	B. Labour Cost :			7450.00
C. Tools & plants @ 3 % of labour cost.....								223.50
D. Sub-total (A+B+C).....								7673.50
Overhead@15% of sub-total								1151.03
E/W excavation in ordinary soil per cum.....								882.45

<b>8 c. Ordinary rock not required Blasting</b>		Norms Source :		DoR	ANALYZED FOR :			10.00
Depth upto 3m		Norms No.		III A	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	10.00	8000.00
					Skilled Labour	1050	1	1050.00
A. Material Cost :				0	B. Labour Cost :			9050.00
C. Tools & plants @ 3 % of labour cost.....								271.50
D. Sub-total (A+B+C).....								9321.50
Overhead@15% of sub-total								1398.23
E/W excavation in ordinary rock per cum.....								1071.97

**9 USING MACHINE**

Road way Excavation in all types of soil as per Drawing and technical specifications including removal of stumps and other deleterious matter, all lifts and lead as per Drawing and instruction of the Engineer.

<b>All type of soils</b>		Norms Source :		DoR	ANALYZED FOR :			360.00
		Norms No.		905 IB	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	3	2400.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			3450.00
D. Sub-total (A+B+C).....								22487.06
Overhead@15% of sub-total								3373.06
E/W excavation in all types of soil per cum.....								71.83

**10 Roadway Excavation in ordinary rock as per Drawing and Technical specification, including all lift and lead as per Drawing and instruction of the Engineer.**

<b>Ordinary Rock</b>		Norms Source :		DoR	ANALYZED FOR :			120.00
		Norms No.		9.1 IIB 905	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	3	2400.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			3450.00
D. Sub-total (A+B+C).....								22487.06
Overhead@15% of sub-total								3373.06
E/W excavation in ordinary rock per cum.....								215.50

**11 Available Rock in Use for Structure**

Roadway Excavation in hard rock with rock breakers, including breaking rock, lifts and lead for disposal as per Drawing and Technical Specifications Mechanical method, lead upto 30 m

<b>Available Rock in Use for Structure</b>		Norms Source :		DoR	ANALYZED FOR :			16.00
		Norms No.		9.1 IV 905	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	10	8000.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05	B. Labour Cost :			9050.00
Credit For Excavated Rock For Use @ 50% of excavated								0.00
D. Sub-total (A+B+C).....								28087.05
Overhead@15% of sub-total								4213.06
E/W excavation in hard rock per cum.....								2018.76

**12 Available Rock Not in Use for Structure**

<b>Available Rock Not in Use for Structure</b>		Norms Source :		DoR	ANALYZED FOR :			16.00
		Norms No.		9.1 IV 905	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	10	8000.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			9050.00
D. Sub-total (A+B+C).....								28087.06
Overhead@15% of sub-total								4213.06
E/W excavation in hard rock per cum.....								2018.76

**13 Excavation in Marshy Soil**

Roadway Excavation in marshy soil as per Drawing and Technical Specifications

<b>Excavation in Marshy Soil</b>		Norms Source :		DoR	ANALYZED FOR :			300.00
		Norms No.		9.1 V 905	UNIT :			cum.





## Panini Rural Municipality

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

### ANALYSIS OF RATES (GoN) For Contractor

F. Y. :- 2081/82

Skilled	<b>1050</b>
Unskilled	<b>800</b>

Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Tipper	Hrs	1287.50	18		Unskilled labour	800.00	4	3200.00
Hydraulic Excavator	Hrs	3172.84	6	19037.05752	Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			4250.00
D. Sub-total (A+B+C).....								23287.06
Overhead@15% of sub-total								3493.06
<b>EW excavation in Marshy Soil per cum.....</b>								<b>89.27</b>

Excavation for Structures Foundation								
Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications. I Ordinary soil								
Using Machine for depth upto 3m								
		<b>Norms Source :</b>		DoR	<b>ANALYZED FOR :</b>			240.00
		Norms No.		9.4 Bi 907	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Hydraulic Excavator	Hrs	3172.84	6	19037.05752	Unskilled labour	800.00	3	2400.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			3450.00
D. Sub-total (A+B+C).....								22487.06
Overhead@15% of sub-total								3373.06
<b>EW excavation in Structure Foundation per cum.....</b>								<b>107.75</b>

15 Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with Using Machine for depth 3m to 6m								
		<b>Norms Source :</b>		DoR	<b>ANALYZED FOR :</b>			210.00
		Norms No.		9.4 Bii 907	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Hydraulic Excavator	Hrs	3172.84	6	19037.05752	Unskilled labour	800.00	3	2400.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				19037.05752	B. Labour Cost :			3450.00
C. Tools & plants @ 7.5 % of labour cost.....								
D. Sub-total (A+B+C).....								22487.06
Overhead@15% of sub-total								3373.06
<b>EW excavation in Structure Foundation per cum.....</b>								<b>123.14</b>

### C Hill Side Drain Clearance

#### Manually

16 Removal of earth from the choked hill side drain and disposing it on the valley side manually								
		<b>Norms Source :</b>		DoR	<b>ANALYZED FOR :</b>			10.00
		Norms No.		29.18 2900, 900	UNIT :			rm.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
					Unskilled labour	800.00	1	800.00
					Skilled Labor	1050	1	1050.00
A. Material Cost :				0	B. Labour Cost :			1850.00
D. Sub-total (A+B+C).....								1850.00
Overhead@15% of sub-total								277.50
<b>Hill side Drain Clearance per cum.....</b>								<b>212.75</b>

### D Land Slide Clearance in soil

#### Using Machine

17 Clearance of land slides in soil and ordinary rock by machine and disposal of the same on the valley side								
		<b>Norms Source :</b>		DoR	<b>ANALYZED FOR :</b>			500.00
		Norms No.		29.19 A 2900, 900	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Hydraulic Dozer, Loader or Excavator	Hrs	3172.84	6	19037.05	Unskilled labour	800.00	3	2400.00
					Skilled Labor	1050.00	1	1050.00
A. Material Cost :				19037.05	B. Labour Cost :			3450.00
D. Sub-total (A+B+C).....								22487.05
Overhead@15% of sub-total								3373.06
<b>Landslide Clearance per cum.....</b>								<b>51.72</b>

### E EMBANKMENT FILLING

#### Construction of Embankment with Material Deposited from Roadway Cutting

Providing, laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications. (Manually)

18 (Manually)								
		<b>Norms Source :</b>		DoR	<b>ANALYZED FOR :</b>			100.00
		Norms No.		9.9 A 909, 910	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Water (KL)			24		Unskilled labour	800.00	50	40000.00
Roller	Hrs	2476.10	6	14856.58407	Skilled Labor	1050	2	2100.00
A. Material Cost :				14856.58407	B. Labour Cost :			42100.00
D. Sub-total (A+B+C).....								56956.58
Overhead@15% of sub-total								8543.49





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Lumbini Province, Nepal  
**ANALYSIS OF RATES (GoN) For Contractor**  
F. Y. :- 2081/82

Skilled	1050
Unskilled	800

Embankment Filling per cum.....	655.00
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**Construction of Embankment with Material Deposited from Roadway Cutting**

Providing, laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications.  
(With machine)

		Norms Source :		DoR	ANALYZED FOR :			300.00
		Norms No.	Qty	9.9 B 909, 910	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Water (KL)	KL		72	0	Unskilled labour	800.00	10	8000.00
					Skilled Labor	1050	1	1050.00
Sum Material				0	Sum Labour			9050.00
<b>Equipment</b>								
Motor Grader	Hrs	0.00	6	0				
Dozer/ Excavator	Hrs	3172.84	6	19037.05				
Vibratory Roller	Hrs	0.00	6	0				
Sum Equipment				19037.05				
D. Sub-total (A+B+C).....								28087.05
Overhead@15% of sub-total								4213.06
<b>Construction of Embankment per cum.....</b>								<b>107.67</b>

Note : In case the earth cutting is done by dozer and pushed for filling in the embankment, the input of dozer in the cost of embankment shall be deleted as the same is already provided in the cost of excavation. However, if the earth is dumped by tippers from roadway cutting, the input of dozer for spreading is required to be provided.

**20 Providing, laying, spreading and compacting embankment with borrow material as per Drawing and Technical Specifications.**

		Norms Source :		DoR	ANALYZED FOR :			300.00
		Norms No.	Qty	909, 910	UNIT :			cum.
A. Material		Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
Cost of Water	Kl		72	0	Unskilled Labour	800.00	4	3200.00
Borrow Pit Material	Cum		360.00	0	Skilled Labour	1050	1	1050.00
Sum Material				0	Sum Labour			4250.00
<b>C. Equipment</b>								
Hydraulic Excavator	Hrs.	3172.84	6.00	19037.05				
Tractor with Rotavator	Hrs.	1045.50	12.00	12545.97				
Dozer	Hrs.	4257.06	3.00	12771.19				
Motor Grader	Hrs.	0.00	3.00	0				
Vibratory Roller	Hrs.	0.00	6.00	0				
Sum Equipment				44354.21				
D. Sub-total (A+B+C).....								48604.21
Overhead@15% of sub-total								7290.63
<b>Embankment Works</b>								<b>186.32</b>

**21 Providing suitable material and Back filling behind abutment, wing wall and return wall complete as per Drawing and Technical Specifications.**

		Norms Source :		DoR	ANALYZED FOR :			10.00
		Norms No.	Qty	908 A	UNIT :			cum.
A. Material		Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
Cost of Water	Kl		1	0	Unskilled Labour	800.00	5	4000.00
Granular Material	Cum	1890.68	11.00	20797.48	Skilled Labour	1050	0.2	210.00
Sum Material				20797.48	Sum Labour			4210.00
<b>C. Equipment</b>								
Plate Compactor/Power Rammer	Hrs.	414.16	2.50	1035.4				
Sum Equipment				1035.4				
D. Sub-total (A+B+C).....								26042.88
Overhead@15% of sub-total								3906.43
<b>Backfilling Behind Structure using Granular Material</b>								<b>2994.93</b>

**22 Providing suitable material and Back filling behind abutment, wing wall and return wall complete as per Drawing and Technical Specifications (Without Watering)**

		Norms Source :		DoR	ANALYZED FOR :			10.00
		Norms No.	Qty	908 D	UNIT :			cum.
A. Material		Rate	Qty	Amount	B. Labour	Rate	Qty	Amount
Locally Available Material	Cum	1890.68	12.00	22688.16	Unskilled Labour	800.00	4	3200.00
Sum Material				22688.16	Skilled Labour	1050	0.2	210.00
Sum Material					Sum Labour			3410.00
<b>C. Equipment</b>								
Tamping 3% of Labour Cost	Hrs.			102.3				
Sum Equipment				102.3				
D. Sub-total (A+B+C).....								26200.46
Overhead@15% of sub-total								3930.07
<b>Backfilling Behind Structure using Locally Available Material</b>								<b>3013.05</b>

**SOLING AND LEVELLING**

**23 Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.**

		Norms Source :		DoR	ANALYZED FOR :			5.00
		Norms No.	Qty	10.80	UNIT :			cum.
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Stone (cum)	Cum	1744.28	6.00	10465.68	Skilled Labour	1050.00	0.00	0.00
					Unskilled labour	800.00	12.00	9600.00





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Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

A. Material Cost :	10476.48	B. Labour Cost :	9600.00
C. Sub-total (A+B).....			20076.48
Overhead@15% of sub-total			3011.47
			<b>Rate per cum (NRs.).....</b>
			<b>4617.59</b>

<b>24 Stone Locally Available</b>	Norms Source :		DoR	ANALYZED FOR :			5.00	
	Norms No.		10.80	UNIT :			cum.	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Stone (cum)	Cum	1744.28	6.00	10465.88	Skilled Labour	1050.00	0.00	0.00
					Unskilled labour	800.00	12.00	9600.00
A. Material Cost :			10476.48	B. Labour Cost :				9600.00
C. Sub-total (A+B).....								20076.48
Overhead@15% of sub-total								3011.47
								<b>Rate per cum (NRs.).....</b>
								<b>4617.59</b>

<b>25 Brick Flat Soling &amp; Levelling Works</b>	Norms Source :		DUDBC	ANALYZED FOR :			10.00	
	Norms No.		H-15, 11-15 (ka)	UNIT :			sqm	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Brick	Nos.	14.90	420.00	6258.00	Skilled labour	1050.00	0.50	525.00
River Sand	Cum	1826.45	0.71	1296.78	Unskilled labour	800.00	1.00	800.00
A. Material Cost :			7554.78	B. Labour Cost :				1325.00
C. Sub-total (A+B).....								8879.78
Overhead@15% of sub-total								1331.97
								<b>Rate per sqm (NRs.).....</b>
								<b>1021.17</b>

<b>26 Brick Edge Soling &amp; Levelling Works</b>	Norms Source :		DUDBC	ANALYZED FOR :			10.00	
	Norms No.		H-15, 11-15 (kha)	UNIT :			Sqm	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Brick	Nos.	14.90	750.00	11175.00	Mason	1050.00	1.00	1050.00
River Sand	Cum	1826.45	0.71	1296.78	Unskilled labour	800.00	3.25	2600.00
A. Material Cost :			12471.78	B. Labour Cost :				3650.00
C. Sub-total (A+B).....								16121.78
Overhead@15% of sub-total								2418.27
								<b>Rate per cum (NRs.).....</b>
								<b>1854.00</b>

**CEMENT CONCRETE WORKS (PCC) in Road Works**

<b>27 Manually Providing and laying of Plain Cement Concrete M 10 ( or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications.</b>	Norms Source :		DoR	ANALYZED FOR :			15.00	
<b>P.C.C. 1:3:6</b>	Norms No.		20.1 2000	UNIT :			Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt) ppc	MT	10940.00	3.45	37743.00	skill Labour	1050.00	2.00	2100.00
River Aggregate 40mm (cum)	Cum	2354.45	13.50	31785.02	Unskilled labour	800.00	22.00	17600.00
River Sand	Cum	1826.45	6.75	12328.51	For manual mixed add 50% of labor comp.			9850.00
A. Material Cost :			81856.52	B. Labour Cost :				29550.00
C. Sub-total (A+B).....								111406.52
Overhead@15% of sub-total								16710.98
								<b>Rate per cum (NRs.).....</b>
								<b>8541.17</b>

<b>28 Providing and laying of Plain Cement Concrete/Reinforced Cement Concrete M 15 ( or 1:2:4 for nominal mix) in Foundation complete as per Drawing and Technical Specifications.</b>	Norms Source :		DoR	ANALYZED FOR :			15.00	
<b>P.C.C. 1:2:4 (7-2 gha)</b>	Norms No.		20.2 2000	UNIT :			Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt) ppc	MT	10940.00	4.13	45182.20	skill Labour	1050.00	3.00	3150.00
River Aggregate 40mm (cum)	Cum	2354.45	8.10	19071.01	Unskilled labour	800.00	30.00	24000.00
River Aggregate 20mm (cum)	Cum	2354.45	4.05	9535.50				
River Aggregate 10mm (cum)	Cum	2354.45	1.35	3178.50				
River Sand	Cum	1826.45	6.75	12328.51	For manual mixed add 50% of labor comp.			13575.00
A. Material Cost :			89295.72	B. Labour Cost :				40725.00
C. Sub-total (A+B).....								130020.72
Overhead@15% of sub-total								19503.11
								<b>Rate per cum (NRs.).....</b>
								<b>9968.26</b>

<b>29 Providing and laying plum concrete (boulder mix concrete) as per drawing and specification</b>	Norms Source :		Dor	ANALYZED FOR :			1.00	
<b>60% M15 concrete and 40% boulder stone</b>	Norms No.		24.21 All	UNIT :			Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt) ppc	MT	10940.00	0.185	2023.90	skill Labour	1050.00	1.00	1050.00
River Aggregate 20-40	Cum	2354.45	0.156	367.29	Unskilled labour	800.00	4.00	3200.00
River Aggregate 10-20	Cum	2354.45	0.070	164.81				
River Aggregate 5-10	Cum	2354.45	0.300	706.33				
River Sand	Cum	1826.45	0.299	546.11				
Boulder stone	Cum	1744.28	0.44	767.49				
A. Material Cost :			7434.82	B. Labour Cost :				4100.00
C. Sub-total (A+B).....								11534.82
Overhead@15% of sub-total								1730.22
								<b>Rate per cum (NRs.).....</b>
								<b>13265.04</b>





**Panini Rural Municipality**

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Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

A. Material Cost :	4575.93	B. Labour Cost :	4250.00
C. Sub-total (A+B).....			8825.93
Overhead@15% of sub-total			1323.89
		Rate per cum (NRs.).....	10149.82

<b>Providing and laying plum concrete (boulder mix concrete) as per drawing and specification</b>									
30 60% M15 concrete and 40% boulder stone	Norms Source :			Dor	ANALYZED FOR :				10.00
Using Machine	Norms No.			24.21 All	UNIT :				Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	1.7	18598	skill Labour	1050	3	3150.00	
River Aggregate 20-40	Cum	2354.45	3.45	8122.83	Unskilled labour	790	30	23700.00	
River Aggregate 10-20	Cum	2354.45	1.56	3672.93					
River Aggregate 5-10	Cum	2354.45	0.72	1695.2					
River Sand	Cum	1826.45	3	5479.33					
Boulder stone	Cum	1744.28	4.4	7674.83					
A. Material Cost :				45243.12	B. Labour Cost :			26850.00	
C. Equipment Cost									
Concrete Mixture	Hr	369.21	6	2215.27					
Concrete Vibrator	Hr	100.00	6	600					
				2815.27					
C. Sub-total (A+B+C).....								74908.39	
Overhead@15% of sub-total								11236.26	
								Rate per cum (NRs.).....	8614.46

**CEMENT CONCRETE WORKS (RCC)**

31 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in	Norms Source :			DoR	ANALYZED FOR :				15.00
R.C.C. 1:1.5:3	Norms No.			20.2 C 2000	UNIT :				Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) opc	MT	12640.00	5.21	65854.40	skill Labour	1050.00	3.00	3150.00	
CrusherAggregate 20mm (cum)	Cum	3566.80	8.10	28891.08	Unskilled labour	800.00	30.00	24000.00	
Crusher Aggregate 10mm (cum)	Cum	3566.80	5.40	19260.72					
Crusher Sand(cum)	Cum	3858.57	6.75	26045.32					
A. Material Cost :				140051.5178	B. Labour Cost :			27150.00	
Equipment Cost									
Concrete Mixture	Hour	369.21	6	2215.27	Formwork @ 4%			6809.71	
Generator	Hour	137.67	6	826.01					
C. Sub-total (A+B).....								177052.51	
Overhead@15% of sub-total								26557.88	
								Rate per cum (NRs.).....	13574.03

32 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in	Norms Source :			DoR	ANALYZED FOR :				15.00
R.C.C. 1:1:2	Norms No.			20.2 E 2000	UNIT :				Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) opc	MT	12640.00	6.05	76472	skill Labour	1050	3	3150.00	
CrusherAggregate 20mm (cum)	Cum	3566.80	8.1	28891.08	Unskilled labour	800.00	30	23700.00	
Crusher Aggregate 10mm (cum)	Cum	3566.80	5.4	19260.72					
Crusher Sand(cum)	Cum	3858.57	6.75	26045.31					
A. Material Cost :				150669.11	B. Labour Cost :			26850.00	
Equipment Cost									
Concrete Mixture	Hour	369.21	6	2215.27	Formwork @ 3.75%			6771.01	
Generator	Hour	137.67	6	826					
C. Sub-total (A+B+C+D).....				3041.27				187331.39	
Overhead@15% of sub-total								28099.71	
								Rate per cum (NRs.).....	14362.07

33 Providing and laying , fitting and placing un-coated Mild steel / HYSD reinforcement complete in foundation as per drawing and technical specification	Norms Source :			DoR	ANALYZED FOR :				1.00
(8-32)mm	Norms No.			20.3 2014	UNIT :				MT
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Tor Steel . bar (mt)	MT	98000.00	1.10	107800.00	Skilled labour	1050.00	4.00	4200.00	
Binding wire (kg)	Kg	121.00	8.00	968.00	Unskilled labour	800.00	9.00	7200.00	
A. Material Cost :				108768.00	B. Labour Cost :			11400.00	
C. Sub-total (A+B).....								120168.00	
Overhead@15% of sub-total								18025.20	
								Rate per mt (NRs.).....	120168.00
								Rate per kg (NRs.).....	138.19

**Using Machine**

34 Cement concrete work in foundation, wall including collection of materials and a lead of 30m in (Machine)	Norms Source :			DUDBC	ANALYZED FOR :				1.00
P.C.C. 1:3:6	Norms No.			D-3	UNIT :				Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.22	2406.80	skill Labour	1050.00	0.50	525.00	
River Aggregate 40mm (cum)	Cum	2354.45	0.65	1530.39	Unskilled labour	800.00	3.50	2800.00	





**Panini Rural Municipality**

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

River Sand(cum)	Cum	1826.45	0.425	776.24				
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53				
Vibrator (hrs)	Hrs	100.00	0.25	25.00				
Diesel (ltr)	Ltr	137.61	3	412.83				
Petrol (ltr)	Ltr	148.23	0.1	14.82				
A. Material Cost :				5952.68	B. Labour Cost :			3325.00
C. Sub-total (A+B).....								9277.68
Overhead@15% of sub-total								1391.65
					Rate per cum (NRs.).....			10669.33

35 P.C.C. 1:2:4		Norms Source :			DUDBC	ANALYZED FOR :			1.00
		Norms No.		D-3		UNIT :		Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.32	3500.80	skill Labour	1050.00	0.50	525.00	
River Aggregate 40mm (cum)	Cum	2354.45	0.52	1224.31	Unskilled labour	800.00	3.50	2800.00	
River Aggregate 20mm (cum)	Cum	2354.45	0.32	753.42					
River Sand(cum)	Cum	1826.45	0.425	776.24					
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53					
Vibrator (hrs)	Hrs	100.00	0.25	25.00					
Diesel (ltr)	Ltr	137.61	3	412.83					
Petrol (ltr)	Ltr	148.23	0.1	14.82					
A. Material Cost :				6928.96	B. Labour Cost :			3325.00	
C. Sub-total (A+B).....								10253.96	
Overhead@15% of sub-total								1538.09	
					Rate per cum (NRs.).....			11792.05	

36 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in (Machine)		Norms Source :			DUDBC	ANALYZED FOR :			1.00
P.C.C. 1:1.5:3		Norms No.		D-4		UNIT :		Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
OPC Cement	MT	12640.00	0.40	5056.00	skill Labour	1050.00	0.50	525.00	
Crusher Aggregate 20mm (cum)	Cum	3566.80	0.57	2033.08	Unskilled labour	800.00	3.50	2800.00	
Crusher Aggregate 10mm (cum)	Cum	3566.80	0.29	1034.37					
Crusher Sand(cum)	Cum	3858.57	0.425	1639.89					
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53					
Vibrator (hrs)	Hrs	100.00	0.25	25.00					
Diesel (ltr)	Ltr	137.61	3	412.83					
Petrol (ltr)	Ltr	148.23	0.1	14.82					
A. Material Cost :				10437.52	B. Labour Cost :			3325.00	
C. Sub-total (A+B).....								13762.52	
Overhead@15% of sub-total								2064.38	
					Rate per cum (NRs.).....			15826.90	

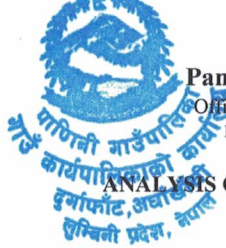
37 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in		Norms Source :			DUDBC	ANALYZED FOR :			1.00
P.C.C. 1:1:2		Norms No.		D-4		UNIT :		cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
OPC Cement	MT	12640.00	0.61	7710.40	skill Labour	1050.00	0.50	525.00	
Aggregate 20mm (cum)	Cum	3566.80	0.64	2282.75	Unskilled labour	800.00	3.50	2800.00	
Aggregate 10mm (cum)	Cum	3566.80	0.21	749.03					
Sand(cum)	Cum	3858.57	0.425	1639.89					
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53					
Vibrator (hrs)	Hrs	100.00	0.25	25.00					
Diesel (ltr)	Ltr	137.61	3	412.83					
Petrol (ltr)	Ltr	148.23	0.1	14.82					
A. Material Cost :				13056.25	B. Labour Cost :			3325.00	
C. Sub-total (A+B).....								16381.25	
Overhead@15% of sub-total								2457.19	
					Rate per cum (NRs.).....			18838.44	

**CEMENT CONCRETE WORKS (PCC) in Building Works**

38 Cement concrete work in foundation, wall including collection of materials and a lead of 30m in (Manual)		Norms Source :			DUDBC	ANALYZED FOR :			1.00
P.C.C. 1:4:8		Norms No.		D-1, 7-2 (kha)		UNIT :		Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.17	1859.80	skill Labour	1050.00	1.00	1050.00	
Aggregate 40mm (cum) River	Cum	2354.45	0.65	1530.39	Unskilled labour	800.00	4.00	3200.00	
Aggregate 20mm (cum) River	Cum	2354.45	0.24	565.07					
River Sand	Cum	1826.45	0.47	858.43					
A. Material Cost :				4813.69	B. Labour Cost :			4250.00	
C. Sub-total (A+B).....								9063.69	
Overhead@15% of sub-total								1359.55	
					Rate per cum (NRs.).....			10423.24	

39 P.C.C. 1:3:6 (7-2ga)		Norms Source :			DUDBC	ANALYZED FOR :			1.00
		Norms No.		D-1, 7-2 (ga)		UNIT :		Cum	





**Panini Rural Municipality**

Office of the Municipal Executive  
 Durghaphant, Arghakhanchi  
 Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.22	2406.80	skill Labour	1050.00	1.00	1050.00	
Aggregate 40mm (cum) River	Cum	2354.45	0.65	1530.39	Unskilled labour	800.00	4.00	3200.00	
Aggregate 20mm (cum) River	Cum	2354.45	0.24	565.07					
River Sand	Cum	1826.45	0.47	858.43					
A. Material Cost :				5360.69	B. Labour Cost :				4250.00
C. Sub-total (A+B).....									9610.69
Overhead@15% of sub-total									1441.80
					Rate per cum (NRs.).....				11052.29

40 P.C.C. 1:2:4 (7-2 gha)

Norms Source :				DUDBC		ANALYZED FOR :			1.00
Norms No.				D-1, 7-2 (gha)		UNIT :			Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.32	3500.80	skill Labour	1050.00	1.00	1050.00	
Aggregate 40mm (cum) River	Cum	2354.45	0.52	1224.31	Unskilled labour	800.00	4.00	3200.00	
Aggregate 20mm (cum) River	Cum	2354.45	0.22	517.98					
Aggregate 10mm (cum) River	Cum	2354.45	0.11	258.99					
River Sand	Cum	1826.45	0.445	812.77					
A. Material Cost :				6314.85	B. Labour Cost :				4250.00
C. Sub-total (A+B).....									10564.85
Overhead@15% of sub-total									1584.73
					Rate per cum (NRs.).....				12149.57

**CEMENT CONCRETE WORKS (RCC)**

41 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in (Manual)

R.C.C. 1:1.5:3

Norms Source :				DUDBC		ANALYZED FOR :			1.00
Norms No.				D-2, 7-4 (kha)		UNIT :			Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) opc	MT	12640.00	0.40	5056.00	skill Labour	1050.00	0.80	840.00	
Aggregate 20mm (cum) crusher	Cum	3566.80	0.57	2033.08	Unskilled labour	800.00	7.00	5600.00	
Aggregate 10mm (cum) crusher	Cum	3566.80	0.29	1034.37					
crusher Sand(cum)	Cum	3858.57	0.425	1639.89					
A. Material Cost :				9763.33838	B. Labour Cost :				6440.00
C. Sub-total (A+B).....									16203.34
Overhead@15% of sub-total									2430.50
					Rate per cum (NRs.).....				18633.84

42 R.C.C. 1:1:2 Manual

Norms Source :				DUDBC		ANALYZED FOR :			1.00
Norms No.				D-2, 7-4 (ga)		UNIT :			cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) opc	MT	12640.00	0.61	7710.40	Mason	1050.00	0.80	840.00	
crusher Aggregate 20mm (cum)	Cum	3566.80	0.64	2282.75	Unskilled labour	800.00	7.00	5600.00	
crusher Aggregate 10mm (cum)	Cum	3566.80	0.21	749.03					
crusher Sand(cum)	Cum	3858.57	0.425	1639.89					
A. Material Cost :				12382.07038	B. Labour Cost :				6440.00
C. Sub-total (A+B).....									18822.07
Overhead@15% of sub-total									2823.31
					Rate per cum (NRs.).....				21645.38

**Using Machine**

43 Cement concrete work in foundation, wall including collection of materials and a lead of 30m in (Machine)

P.C.C. 1:3:6

Norms Source :				DUDBC		ANALYZED FOR :			1.00
Norms No.				D-3		UNIT :			Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.22	2406.80	skill Labour	1050.00	0.50	525.00	
River Aggregate 40mm (cum)	Cum	2354.45	0.65	1530.39	Unskilled labour	800.00	3.50	2800.00	
River Aggregate 20mm (cum)	Cum	2354.45	0.24	565.07					
River Sand	Cum	1826.45	0.425	776.24					
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53					
Vibrator (hrs)	Hrs	100.00	0.25	25.00					
Diesel (ltr)	Ltr	137.61	3	412.83					
Petrol (ltr)	Ltr	148.23	0.1	14.82					
A. Material Cost :				5952.68	B. Labour Cost :				3325.00
C. Sub-total (A+B).....									9277.68
Overhead@15% of sub-total									1391.65
					Rate per cum (NRs.).....				10669.33

44 P.C.C. 1:2:4

Norms Source :				DUDBC		ANALYZED FOR :			1.00
Norms No.				D-3		UNIT :			Cum
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt) ppc	MT	10940.00	0.32	3500.80	skill Labour	1050.00	0.50	525.00	
River Aggregate 40mm (cum)	Cum	2354.45	0.52	1224.31	Unskilled labour	800.00	3.50	2800.00	
River Aggregate 20mm (cum)	Cum	2354.45	0.32	753.42					
River Sand	Cum	1826.45	0.425	776.24					
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53					
Vibrator (hrs)	Hrs	100.00	0.25	25.00					

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## Panini Rural Municipality

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

### ANALYSIS OF RATES (GoN) For Contractor

F. Y. :- 2081/82

Skilled	<b>1050</b>
Unskilled	<b>800</b>

Petrol (ltr)	Ltr	148.23	0.1	14.82			
A. Material Cost :				6928.96	B. Labour Cost :		3235.00
C. Sub-total (A+B).....							10253.96
Overhead@15% of sub-total							1538.09
<b>Rate per cum (NRs.).....</b>							<b>11792.05</b>

<b>45 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in (Machine)</b>								
P.C.C. 1:1.5:3		Norms Source :			DUDBC		ANALYZED FOR :	
		Norms No.			D-4		UNIT :	
							1.00	
							Cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt) opc	MT	12640.00	0.40	5056.00	skill Labour	1050.00	0.50	525.00
crusher Aggregate 20mm (cum)	Cum	3566.80	0.57	2033.08	Unskilled labour	800.00	3.50	2800.00
crusher Aggregate 10mm (cum)	Cum	3566.80	0.29	1034.37				
crusher Sand(cum)	Cum	3858.57	0.425	1639.89				
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53				
Vibrator (hrs)	Hrs	100.00	0.25	25.00				
Diesel (ltr)	Ltr	137.61	3	412.83				
Petrol (ltr)	Ltr	148.23	0.1	14.82				
A. Material Cost :				10437.52	B. Labour Cost :		3235.00	
C. Sub-total (A+B).....							13762.52	
Overhead@15% of sub-total							2064.38	
<b>Rate per cum (NRs.).....</b>							<b>15826.90</b>	

<b>46 Cement concrete work for RCC Structure in Superstructure and a lead of 30m in</b>								
P.C.C. 1:1:2		Norms Source :			DUDBC		ANALYZED FOR :	
		Norms No.			D-4		UNIT :	
							1.00	
							cum	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt) opc	MT	12640.00	0.61	7710.40	skill Labour	1050.00	0.50	525.00
crusher Aggregate 20mm (cum)	Cum	3566.80	0.64	2282.75	Unskilled labour	800.00	3.50	2800.00
crusher Aggregate 10mm (cum)	Cum	3566.80	0.21	749.03				
crusher Sand(cum)	Cum	3858.57	0.425	1639.89				
Mixture .2-.28cum (hrs)	Hrs	369.21	0.6	221.53				
Vibrator (hrs)	Hrs	100.00	0.25	25.00				
Diesel (ltr)	Ltr	137.61	3	412.83				
Petrol (ltr)	Ltr	148.23	0.1	14.82				
A. Material Cost :				13056.25	B. Labour Cost :		3235.00	
C. Sub-total (A+B).....							16381.25	
Overhead@15% of sub-total							2457.19	
<b>Rate per cum (NRs.).....</b>							<b>18838.44</b>	

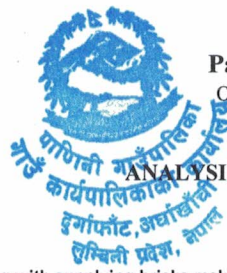
<b>47 Cutting, bending, placing in position according to the drawing and binding of Tor Steel rod for R.C.C. works including a lead of 30m (7-5)</b>								
(8-32)mm		Norms Source :			DUDBC		ANALYZED FOR :	
		Norms No.			D-9, 7-5		UNIT :	
							1.00	
							MT	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Tor Steel . bar (mt)	MT	98000.00	1.05	102900.00	Skilled labour	1050.00	12.00	12600.00
Binding wire (kg)	Kg	121.00	10.00	1210.00	Unskilled labour	800.00	12.00	9600.00
A. Material Cost :				104110.00	B. Labour Cost :		22200.00	
C. Sub-total (A+B).....							126310.00	
Overhead@15% of sub-total							18946.50	
<b>Rate per mt (NRs.).....</b>							<b>126310.00</b>	
<b>Rate per kg (NRs.).....</b>							<b>145.26</b>	

#### BRICK MASONRY WORKS

<b>48 Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m</b>								
Brick work with mud mortar (5.1 kha 6)		Norms Source :			DUDBC		ANALYZED FOR :	
		Norms No.			C-2, 5-1(kha-6), 5-2 ka		UNIT :	
							1.00	
							m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
mud	Cum	449.56	0.42	188.82	Skilled labour	1050.00	1.00	1050.00
Bricks	Nos.	14.90	560.00	8344.00	Unskilled labour	800.00	1.70	1360.00
A. Material Cost :				8532.82	B. Labour Cost :		2410.00	
C. Sub-total (A+B).....							10942.82	
Overhead@15% of sub-total							1641.42	
<b>Rate per cu mtr (NRs.).....</b>							<b>12584.24</b>	

<b>49 गाह्रोको बाहिरी सतहमा दाची अप्पा प्रयोग गरी सिमेन्ट बालुवा १:४ मसलामा गाह्रो लगाई चुना सुकीले टिप्कार समेत गर्ने काम</b>								
		Norms Source :			DUDBC		ANALYZED FOR :	
		Norms No.			C-3		UNIT :	
							10.00	
							Sq m	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Bricks	Nos.	26.00	79.70	2072.20	Skilled labour	1050.00	1.91	2005.50
Cement (mt)	Cum	10940.00	0.04	437.60	Unskilled labour	800.00	2.45	1960.00
Sand	Cum	1826.45	0.17	310.50				
A. Material Cost :				2820.30	B. Labour Cost :		3965.50	
C. Sub-total (A+B).....							6785.80	
Overhead@15% of sub-total							1017.87	
<b>Rate per sq mtr (NRs.).....</b>							<b>780.37</b>	





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Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

**Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>50 First Class brick 1:3 c/s mortar</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-2, 5-1(kha-1), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.13	1422.20	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	560.00	8344.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.27	493.14	Scaffolding			52.80	
A. Material Cost :				10259.34	B. Labour Cost :				3387.80
C. Sub-total (A+B).....									13647.14
Overhead@15% of sub-total									2047.07
					Rate per cu mtr (NRs.).....				15694.21

**Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>51 First Class brick 1:4 c/s mortar</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-2, 5-1(kha-2), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement MT	MT	10940.00	0.10	1094.00	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	560.00	8344.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.28	511.40					
A. Material Cost :				9949.40	B. Labour Cost :				3335.00
C. Sub-total (A+B).....									13284.40
Overhead@15% of sub-total									1992.66
					Rate per cu mtr (NRs.).....				15277.07

**52 Chimney (bhatta) brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>First Class brick 1:6 c/s mortar (5.1 kha 2)</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-1, 5-1(ka-1), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.07	765.80	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	560.00	8344.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.3	547.93					
A. Material Cost :				9657.73	B. Labour Cost :				3335.00
C. Sub-total (A+B).....									12992.73
Overhead@15% of sub-total									1948.91
					Rate per cu mtr (NRs.).....				14941.64

**53 Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>First Class brick 1:3 c/s mortar</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-1, 5-1(ka-1), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.13	1422.20	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	530.00	7897.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.27	493.14	Scaffolding			52.80	
A. Material Cost :				9812.34	B. Labour Cost :				3387.80
C. Sub-total (A+B).....									13200.14
Overhead@15% of sub-total									1980.02
					Rate per cu mtr (NRs.).....				15180.16

**Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>54 First Class brick 1:4 c/s mortar</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-1, 5-1(ka-2), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.10	1094.00	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	530.00	7897.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.27	493.14					
A. Material Cost :				9484.14	B. Labour Cost :				3335.00
C. Sub-total (A+B).....									12819.14
Overhead@15% of sub-total									1922.87
					Rate per cu mtr (NRs.).....				14742.01

**55 Machine made brick masonry works along with supplying bricks making cement sand mortar and construction of brick wall including haulage distance upto 30m**

<b>First Class brick 1:6 c/s mortar</b>		Norms Source :		DUDBC		ANALYZED FOR :		1.00	
		Norms No.		C-1, 5-1(ka-3), 5-2 ka		UNIT :		m <sup>3</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.07	765.80	Skilled labour	1050.00	1.50	1575.00	
Bricks	Nos.	14.90	530.00	7897.00	Unskilled labour	800.00	2.20	1760.00	
Sand	Cum	1826.45	0.3	547.93					
A. Material Cost :				9210.73	B. Labour Cost :				3335.00
C. Sub-total (A+B).....									12545.73
Overhead@15% of sub-total									1881.86
					Rate per cu mtr (NRs.).....				14427.59













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**ANALYSIS OF RATES (GoN) For Contractor**  
F. Y. :- 2081/82

Skilled	1050
Unskilled	800

Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Local wood (cum)	cum	49392.00	0.070	3457.44	Skilled labour	1050.00	4.00	4200.00	
Nails	Kg	137.88	2.50	344.70	Unskilled labour	800.00	6.00	4800.00	
A. Material Cost :				3802.14	B. Labour Cost :				
C. Sub-total (A+B).....								12802.14	
Overhead@15% of sub-total								1920.32	
								<b>Rate per Sq mtr (NRs.).....</b>	<b>1472.25</b>

**Making 19 mm plywood formwork including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto**

69 For Beam		Norms Source :		DUDBC	ANALYZED FOR :			10.00	
Assuming each formwork is used 6 times		Norms No.		E-5, 51 ka	UNIT :			m <sup>2</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
19mm Plyboard (sqm)	Sqm	802.16	1.650	1323.56	Skilled labour	1050.00	2.67	2803.50	
Nails	Kg	137.88	2.50	344.70	Unskilled labour	800.00	4.00	3200.00	
Local wood (cum)	Cum	49392.00	0.040	1975.68					
Metal Prop	Nos	1500.00	0.40	600.00					
A. Material Cost :				4243.94	B. Labour Cost :				
C. Sub-total (A+B).....								6003.50	
Overhead@15% of sub-total								10247.44	
								<b>Rate per Sq mtr (NRs.).....</b>	<b>1178.46</b>

**Making plywood formwork with metal pipe including supply and selection of materials fixing, nailing according to drawing, placing separators, dismantling forms and hauling upto 30m distance.**

70 For Slab		Norms Source :		DUDBC	ANALYZED FOR :			100.00	
Assuming each formwork is used 6 times		Norms No.		E-6, 8-4 ka	UNIT :			m <sup>2</sup>	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Plyboard 19mm (sqm)	Sqm	802.16	16.500	13235.61	Skilled labour	1050.00	17.20	18060.00	
Nails	Kg	137.88	25.00	3447.00	Unskilled labour	800.00	25.70	20560.00	
Local wood (cum)	Cum	49392.00	0.230	11360.16					
Metal Pipe nos.	Nos	1500.00	4.40	6600.00					
A. Material Cost :				34642.77	B. Labour Cost :				
C. Sub-total (A+B).....								38620.00	
Overhead@15% of sub-total								73262.77	
								<b>Rate per Sq mtr (NRs.).....</b>	<b>10989.42</b>
								<b>Rate per Sq mtr (NRs.).....</b>	<b>842.52</b>

**PLASTERING**

**12.5 mm thick cement plaster in wall**

71 Cement sand mortar 1:2		Norms Source :		DUDBC	ANALYZED FOR :			100.00	
		Norms No.		I-1, 12-1 (ga)	UNIT :			sqm	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.900	9846.00	Mason	1050.00	12.00	12600.00	
Sand (cum)	Cum	1826.45	1.2200	2228.26	Unskilled labour	800.00	16.00	12800.00	
A. Material Cost :				12074.26	B. Labour Cost :				
C. Sub-total (A+B).....								25400.00	
Overhead@15% of sub-total								37474.26	
								<b>Rate per sqm (NRs.).....</b>	<b>5621.14</b>
								<b>Rate per sqm (NRs.).....</b>	<b>430.95</b>

72 Cement sand mortar 1:3		Norms Source :		DUDBC	ANALYZED FOR :			100.00	
		Norms No.		I-1, 12-1 (ga)	UNIT :			sqm	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.62500	6837.50	Mason	1050.00	12.00	12600.00	
Sand (cum)	Cum	1826.45	1.2800	2337.85	Unskilled labour	800.00	16.00	12800.00	
A. Material Cost :				9175.35	B. Labour Cost :				
C. Sub-total (A+B).....								25400.00	
Overhead@15% of sub-total								34575.35	
								<b>Rate per sqm (NRs.).....</b>	<b>5186.30</b>
								<b>Rate per sqm (NRs.).....</b>	<b>397.62</b>

73 Cement sand mortar 1:4		Norms Source :		DUDBC	ANALYZED FOR :			100.00	
		Norms No.		I-1, 12-1 (ga)	UNIT :			sqm	
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
Cement (mt)	MT	10940.00	0.53800	5885.72	Mason	1050.00	12.00	12600.00	
Sand (cum)	Cum	1826.45	1.4600	2666.61	Unskilled labour	800.00	16.00	12800.00	
A. Material Cost :				8552.33	B. Labour Cost :				
C. Sub-total (A+B).....								25400.00	
Overhead@15% of sub-total								33952.33	
								<b>Rate per sqm (NRs.).....</b>	<b>5092.85</b>
								<b>Rate per sqm (NRs.).....</b>	<b>390.45</b>

74 Cement sand mortar 1:6 (12-1 Gha)		Norms Source :		DUDBC	ANALYZED FOR :			100.00
		Norms No.		I-1, 12-1 (gha)	UNIT :			sqm
Material	Unit	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (mt)	MT	10940.00	0.38200	4179.08	Mason	1050.00	12.00	12600.00
Sand (cum)	Cum	1826.45	1.5700	2867.52	Unskilled labour	800.00	16.00	12800.00
A. Material Cost :				7046.60	B. Labour Cost :			
C. Sub-total (A+B).....								25400.00









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F. Y. :- 2081/82

Skilled	1050
Unskilled	800

C. Sub-total (A+B).....										40427.95
Overhead@15% of sub-total										6064.19
									<b>Rate per sqm (NRs.).....</b>	<b>464.92</b>

**Flush ruled cement pointing in boulder or stone masonry wall in**

82	<b>a. Cement sand mortar 1:1 (14-2 Ka)</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			100.00			
		Norms No.		I-9, 14-2 (ka)	UNIT :			sqm			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	Cement (mt)	MT	10940.00	0.61200	6695.28	Mason	1050.00	10.00	10500.00		
	Sand (cum)	Cum	1826.45	0.4300	785.37	Unskilled labour	800.00	14.00	11200.00		
	A. Material Cost :			7480.65	B. Labour Cost :				21700.00		
	C. Sub-total (A+B).....									29180.65	
	Overhead@15% of sub-total									4377.10	
									<b>Rate per sqm (NRs.).....</b>	<b>335.58</b>	

83	<b>b. Cement sand mortar 1:2 (14-2 Kha)</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			100.00			
		Norms No.		I-9, 14-2 (kha)	UNIT :			sqm			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	Cement (mt)	MT	10940.00	0.40800	4463.52	Mason	1050.00	10.00	10500.00		
	Sand (cum)	Cum	1826.45	0.5700	1041.07	Unskilled labour	800.00	14.00	11200.00		
	A. Material Cost :			5504.59	B. Labour Cost :				21700.00		
	C. Sub-total (A+B).....									27204.59	
	Overhead@15% of sub-total									4080.69	
									<b>Rate per sqm (NRs.).....</b>	<b>312.85</b>	

84	<b>c. Cement sand mortar 1:3 (14-2 Ga)</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			100.00			
		Norms No.		I-9, 14-2 (ga)	UNIT :			sqm			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	Cement (mt)	MT	10940.00	0.30600	3347.64	Mason	1050.00	10.00	10500.00		
	Sand (cum)	Cum	1826.45	0.6300	1150.66	Unskilled labour	800.00	14.00	11200.00		
	A. Material Cost :			4498.30	B. Labour Cost :				21700.00		
	C. Sub-total (A+B).....									26198.30	
	Overhead@15% of sub-total									3929.75	
									<b>Rate per sqm (NRs.).....</b>	<b>301.28</b>	

**Flush ruled cement pointing in Brick masonry wall in**

85	<b>a. Cement sand mortar 1:1 (14-1 Ka)</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			100.00			
		Norms No.		I-8, 14-1 (ka)	UNIT :			sqm			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	Cement (mt)	MT	10940.00	0.31600	3457.04	Mason	1050.00	10.50	11025.00		
	Sand (cum)	Cum	1826.45	0.2200	401.82	Unskilled labour	800.00	12.00	9600.00		
	A. Material Cost :			3858.86	B. Labour Cost :				20625.00		
	C. Sub-total (A+B).....									24483.86	
	Overhead@15% of sub-total									3672.58	
									<b>Rate per sqm (NRs.).....</b>	<b>281.56</b>	

86	<b>b. Cement sand mortar 1:2 (14-1 Kha)</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			100.00			
		Norms No.		I-8, 14-1 (ka)	UNIT :			sqm			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	Cement (mt)	MT	10940.00	0.21000	2297.40	Mason	1050.00	10.50	11025.00		
	Sand (cum)	Cum	1826.45	0.2900	529.67	Unskilled labour	800.00	12.00	9600.00		
	A. Material Cost :			2827.07	B. Labour Cost :				20625.00		
	C. Sub-total (A+B).....									23452.07	
	Overhead@15% of sub-total									3517.81	
									<b>Rate per sqm (NRs.).....</b>	<b>269.70</b>	

**ROOFING WORKS**

C.G.I. sheet roofing Fitting, Fixing including labor and materials.

C.G.I. sheet Plane

87	<b>24 guage heavy .52 mm</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			10.00			
		Norms No.		F-1, 9-1	UNIT :			sq.m.			
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount			
	G.I. sheet (24G) .52mm		12.00	10787.26	Skilled labour	1050.00	1.10	1155.00			
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00			
	J hook Nos.	7.30	25.00	182.50							
	Bitumen Washer Nos.	0.33	55.00	18.15							
	A. Material Cost :			11152.91	B. Labour Cost :				2155.00		
	C. Sub-total (A+B).....									13307.91	
	Overhead@15% of sub-total									1996.19	
									<b>Rate per sq.m. (NRs.).....</b>	<b>1530.41</b>	

88	<b>24 guage medium .5mm</b>										
		Norms Source :		DUDBC	ANALYZED FOR :			10.00			
		Norms No.		F-1, 9-1	UNIT :			sq.m.			





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F. Y. :- 2081/82

Skilled	1050
Unskilled	800

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (24G) .5mm	898.94	12.00	10787.26	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			11152.91	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							13307.91	
Overhead@15% of sub-total							1996.19	
							<b>Rate per sq.m. (NRs.).....</b>	<b>1530.41</b>

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (26G) .41mm	698.83	12.00	8385.99	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			8751.64	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							10906.64	
Overhead@15% of sub-total							1636.00	
							<b>Rate per sq.m. (NRs.).....</b>	<b>1254.26</b>

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (26G) .38mm	677.28	12.00	8127.39	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			8493.04	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							10648.04	
Overhead@15% of sub-total							1597.21	
							<b>Rate per sq.m. (NRs.).....</b>	<b>1224.52</b>

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (26G) .35mm	603.40	12.00	7240.76	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			7606.41	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							9761.41	
Overhead@15% of sub-total							1464.21	
							<b>Rate per sq.m. (NRs.).....</b>	<b>1122.56</b>

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (28G) .28mm	467.94	12.00	5615.29	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			5980.94	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							8135.94	
Overhead@15% of sub-total							1220.39	
							<b>Rate per sq.m. (NRs.).....</b>	<b>935.63</b>

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount	
G.I. sheet (28G) .26mm	461.78	12.00	5541.40	Skilled labour	1050.00	1.10	1155.00	
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00	
J hook Nos.	7.30	25.00	182.50					
Bitumen Washer Nos.	0.33	55.00	18.15					
A. Material Cost :			5907.05	B. Labour Cost :			2155.00	
C. Sub-total (A+B).....							8062.05	
Overhead@15% of sub-total							1209.31	
							<b>Rate per sq.m. (NRs.).....</b>	<b>927.14</b>

**C.G.I. sheet Colored**

Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
G.I. sheet (24G) coloured .52mm	978.98	12.00	11747.77	Skilled labour	1050.00	1.10	1155.00
8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
J hook Nos.	7.30	25.00	182.50				
Bitumen Washer Nos.	0.33	55.00	18.15				





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F. Y. :- 2081/82

Skilled	<b>1050</b>
Unskilled	<b>800</b>

C. Sub-total (A+B).....	14268.42
Overhead@15% of sub-total	2140.26
<b>Rate per sq.m. (NRs.).....</b>	<b>1640.87</b>

95	24 guage medium .5mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 10.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (24G) coloured .5mm	978.98	12.00	11747.77	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			12113.42	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							14268.42
	Overhead@15% of sub-total							2140.26
	<b>Rate per sq.m. (NRs.).....</b>							<b>1640.87</b>

96	26 guage heavy .41mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 10.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (26G) coloured .41mm	714.22	12.00	8570.70	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			8936.35	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							11091.35
	Overhead@15% of sub-total							1663.70
	<b>Rate per sq.m. (NRs.).....</b>							<b>1275.51</b>

97	26 guage medium .38mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 11.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (26G) coloured .38mm	695.75	12.00	8349.04	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			8714.69	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							10869.69
	Overhead@15% of sub-total							1630.45
	<b>Rate per sq.m. (NRs.).....</b>							<b>1250.02</b>

98	26 guage light .35mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 10.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (26G) coloured .35mm	652.65	12.00	7831.85	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			8197.50	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							10352.50
	Overhead@15% of sub-total							1552.87
	<b>Rate per sq.m. (NRs.).....</b>							<b>1190.54</b>

99	28 guage heavy .31mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 10.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (28G) coloured .31mm	575.69	12.00	6908.28	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			7273.93	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							9428.93
	Overhead@15% of sub-total							1414.34
	<b>Rate per sq.m. (NRs.).....</b>							<b>1084.33</b>

100	28 guage medium .28mm	Norms Source :			DUDBC F-3, 9-1	ANALYZED FOR : 10.00		
		Norms No.				UNIT :	sq.m.	
	Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
	G.I. sheet (28G) coloured .28mm	517.20	12.00	6206.37	Skilled labour	1050.00	1.10	1155.00
	8 mm Nut bolt Nos.	5.50	30.00	165.00	Unskilled Labour	800.00	1.25	1000.00
	J hook Nos.	7.30	25.00	182.50				
	Bitumen Washer Nos.	0.33	55.00	18.15				
	A. Material Cost :			6572.02	B. Labour Cost :			2155.00
	C. Sub-total (A+B).....							8727.02
	Overhead@15% of sub-total							1309.05
	<b>Rate per sq.m. (NRs.).....</b>							<b>1003.61</b>

101	28 guage light .26mm							
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**Panini Rural Municipality**  
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Skilled	<b>1050</b>
Unskilled	<b>800</b>

A. Material Cost :	6630.23	B. Labour Cost :	4500.00
C. Sub-total (A+B).....			11130.23
Overhead@15% of sub-total			1669.53
		Rate per R.m. (NRs.).....	1279.98

**108 Plain Sheet Colored 26 gauge heavy .4mm**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
G.I. sheet (26G)	714.22	7.32	F-4, 9-2	5228.13	Skilled	1050.00	2.00	2100.00
Nut bolt Nos.				50.00	Unskilled Labour	800.00	3.00	2400.00
A. Material Cost :				5278.13	B. Labour Cost :			4500.00
C. Sub-total (A+B).....								9778.13
Overhead@15% of sub-total								1466.72
								1124.49

**109 Plain Sheet Colored 24 gauge medium .5mm**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
G.I. sheet (26G)	978.98	7.32	F-4, 9-2	7166.14	Skilled	1050.00	2.00	2100.00
Nut bolt Nos.				50.00	Unskilled Labour	800.00	3.00	2400.00
A. Material Cost :				7216.14	B. Labour Cost :			4500.00
C. Sub-total (A+B).....								11716.14
Overhead@15% of sub-total								1757.42
								1347.36

**Flooring and Finishing**

**110 38mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
Cement (mt)	MT	10940.00	0.13	1422.20	Skilled labour	1050.00	1.25	1312.50
Aggregate(10-20mm)	Cum	2354.45	0.36	847.60	Unskilled Labour	800.00	2.00	1600.00
Sand	Cum	1826.45	0.18	328.76				
A. Material Cost :				2598.56	B. Labour Cost :			2912.50
C. Sub-total (A+B).....								5511.06
Overhead@15% of sub-total								826.66
								633.77

**111 50mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
Cement (mt)	MT	10940.00	0.17	1859.80	Skilled labour	1050.00	1.25	1312.50
Aggregate(10-20mm)	Cum	2354.45	0.46	1083.04	Unskilled Labour	800.00	2.50	2000.00
Sand	Cum	1826.45	0.23	420.08				
A. Material Cost :				3362.93	B. Labour Cost :			3312.50
C. Sub-total (A+B).....								6675.43
Overhead@15% of sub-total								1001.31
								767.67

**112 75mm thick Cement concrete (1:2:4) floor casting and Finishing by rubbing**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
Cement (mt)	MT	10940.00	0.26	2844.40	Skilled labour	1050.00	1.25	1312.50
Aggregate(10-20mm)	Cum	2354.45	0.68	1601.02	Unskilled Labour	800.00	3.00	2400.00
Sand	Cum	1826.45	0.34	620.99				
A. Material Cost :				5066.41	B. Labour Cost :			3712.50
C. Sub-total (A+B).....								8778.91
Overhead@15% of sub-total								1316.84
								1009.58

**Interlocking**

**113 Laying and levelling of 50mm Hexagonal Heavy duty cement concrete interlock block over crusher stone dust**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00				
	Rate	Qty		Amount	Labour	Rate	Qty	Amount
Interlocking Block	Sqm	989.00	11.00	10879.00	Skilled labour	1050.00	1.00	1050.00
Stone dust	Cum	2508.40	0.71	1780.96	Unskilled Labour	800.00	10.00	8000.00
A. Material Cost :				12659.96	B. Labour Cost :			9050.00
C. Sub-total (A+B).....								21709.96
Overhead@15% of sub-total								3256.49
								2496.65

**114 Laying and levelling of 60mm Hexagonal Heavy duty cement concrete interlock block over crusher stone dust**

Material	Norms Source :		DUDBC	ANALYZED FOR : 10.00			
	Rate	Qty		Amount	Labour	Rate	Qty





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Skilled	1050
Unskilled	800

Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
Interlocking Block	Sqm	1149.00	11.00	12639.00	Skilled labour	1050.00	1.00	1050.00
Stone dust	Cum	2508.40	0.71	1780.96	Unskilled Labour	800.00	10.00	8000.00
A. Material Cost :				14419.96	B. Labour Cost :			
C. Sub-total (A+B).....								23469.96
Overhead@15% of sub-total								3520.49
Rate per sq.m. (NRs.).....								2699.05

**115 3 mm thick 1:1 cement punning works in proper line & level on plaster surface with cleaning surface, filling voids & levelling surface all complete including**

		Norms Source :		DUDBC	ANALYZED FOR : 1.00			
		Norms No.		F-23	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (kg)ppc		10.94	5.32	58.20	Mason	1050.00	0.10	105.00
					Unskilled labour	800.00	0.10	80.00
A. Material Cost :				58.20	B. Labour Cost :			
C. Sub-total (A+B).....								243.20
Overhead@15% of sub-total								36.48
Rate per sqm (NRs.).....								279.68

**Tile Works**

**116 Porceline glazed tiles work for wall in 1:4 c/m with finishing**

		Norms Source :		DUDBC	ANALYZED FOR : 10.00			
		Norms No.		F-23	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
OPC Cement (MT)		10940.00	0.056	612.64	Mason	1050.00	13.00	13650.00
Crusher Sand		1826.45	0.152	277.62	Unskilled labour	800.00	4.50	3600.00
Tiles		753.20	11.00	8285.20				
white cement		30.00	3.23	96.84				
A. Material Cost :				9272.30	B. Labour Cost :			
C. Sub-total (A+B).....								26522.30
Overhead@15% of sub-total								3978.34
Rate per sqm (NRs.).....								3050.06

**117 Porceline glazed flooring Tiles digital(24"\*24") branded work in 1:4 c/m with finishing**

		Norms Source :		DUDBC	ANALYZED FOR : 10.00			
		Norms No.		F-23	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (MT)		10940.00	0.056	612.64	Mason	1050.00	13.00	13650.00
Sand		1826.45	0.152	277.62	Unskilled labour	800.00	4.50	3600.00
Tiles		1183.60	11.00	13019.60				
white cement		30.00	3.23	96.84				
A. Material Cost :				14006.70	B. Labour Cost :			
C. Sub-total (A+B).....								31256.70
Overhead@15% of sub-total								4688.50
Rate per sqm (NRs.).....								3594.52

**118 Porceline glazed flooring tiles digital work(12"\*12") in 1:4 c/m with finishing**

		Norms Source :		DUDBC	ANALYZED FOR : 10.00			
		Norms No.		F-23	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (MT)		10940.00	0.056	612.64	Mason	1050.00	13.00	13650.00
Sand		1826.45	0.152	277.62	Unskilled labour	800.00	4.50	3600.00
Tiles		914.60	11.00	10060.60				
white cement		30.00	3.23	96.84				
A. Material Cost :				11047.70	B. Labour Cost :			
C. Sub-total (A+B).....								28297.70
Overhead@15% of sub-total								4244.65
Rate per sqm (NRs.).....								3254.24

**119 Flooring tiles (Non-glazed)work for wall in 1:4 c/m with finishing**

		Norms Source :		DUDBC	ANALYZED FOR : 10.00			
		Norms No.		F-23	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
Cement (MT)		10940.00	0.056	612.64	Mason	1050.00	13.00	13650.00
Sand		1826.45	0.152	277.62	Unskilled labour	800.00	4.50	3600.00
Tiles		860.80	11.00	9468.80				
white cement		30.00	3.23	96.84				
A. Material Cost :				10455.90	B. Labour Cost :			
C. Sub-total (A+B).....								27705.90
Overhead@15% of sub-total								4155.88
Rate per sqm (NRs.).....								3186.18

**FENCING WORK**

**120 50mm black pipe post in 2m with 20X20X4 and 25X25X4 angle frame 10swg GI Chain Link 2"X2" mesh size 3X20 flat grill of .15m height including fabrication and primer paint.**

		Norms Source :		DUDBC	ANALYZED FOR : 10.00			
		Norms No.		M-12	UNIT : sq.m.			
Material		Rate	Qty	Amount	Labour	Rate	Qty	Amount
50mm metal post		115.88	35.510	4114.90	Skilled labour	1050.00	7.00	7350.00









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Skilled	1050
Unskilled	800

126	2 X 1 X 1		Norms Source :	DOR		ANALYZED FOR :	1.00	
			Norms No.	24.2 2402, 24.3 2402, 24.4 2402		UNIT :	Box	
		Unit	Rate	Qty	Amount	Labour	Rate	Qty
								Amount
	Supplying Gabion Mesh							
	Gabion Mesh	Sqm	287.00	11	3157.00			
	Assembling of wire crates					Skilled	1050.00	0.13
						Unskilled	800.00	0.68
	Providing and filling stone boulders					Skilled	1050.00	0.4
	Stone Boulders	Cum	1744.28	2.2	3837.42	Unskilled	800.00	1.6
	A. Material Cost :				6994.42	B. Labour Cost :		
	C. Sub-total (A+B).....							9374.92
	Overhead@15% of sub-total							1406.24
	Total Amount				9374.92	Rate per Box (NRs.).....		10781.15

127	1.5 X 1 X 1		Norms Source :	DOR		ANALYZED FOR :	1.00	
			Norms No.	24.2 2402, 24.3 2402, 24.4 2402		UNIT :	Box	
		Unit	Rate	Qty	Amount	Labour	Rate	Qty
								Amount
	Supplying Gabion Mesh							
	Gabion Mesh	Sqm	287.00	9	2583.00			
	Assembling of wire crates					Skilled	1050.00	0.11
						Unskilled	800.00	0.56
	Providing and filling stone boulders					Skilled	1050.00	0.3
	Stone Boulders	Cum	1744.28	1.65	2878.06	Unskilled	800.00	1.2
	A. Material Cost :				5461.06	B. Labour Cost :		
	C. Sub-total (A+B).....							7299.56
	Overhead@15% of sub-total							1094.93
	Total Amount				7299.56	Rate per Box (NRs.).....		8394.50

128	1 X 1 X 1		Norms Source :	DOR		ANALYZED FOR :	1.00	
			Norms No.	24.2 2402, 24.3 2402, 24.4 2402		UNIT :	Box	
		Unit	Rate	Qty	Amount	Labour	Rate	Qty
								Amount
	Supplying Gabion Mesh							
	Gabion Mesh	Sqm	287.00	6	1722.00			
	Assembling of wire crates					Skilled	1050.00	0.04
						Unskilled	800.00	0.25
	Providing and filling stone boulders					Skilled	1050.00	0.2
	Stone Boulders	Cum	1744.28	1.65	2878.06	Unskilled	800.00	0.8
	A. Material Cost :				4600.06	B. Labour Cost :		
	C. Sub-total (A+B).....							5692.06
	Overhead@15% of sub-total							853.81
	Total Amount				5692.06	Rate per Box (NRs.).....		6545.87

129 Supplying of machine made Gabion Box with hexagonal mesh size 100\*120mm ,mesh wire 10SWG, salvage wire 7SWG, binding wire 13SWG medium class of gabion

					Gabion	Qty	Rate	
					Gabion Box 3X1X1	3	15994.34	
					Gabion Box 2X1X1	2	10781.15	
					Gabion Box 1.5X1X1	1.5	8394.50	
					Rate per Cum (NRs.).....	6.5	35169.99	5410.77

Wood work for frames including fixing (Size of door 900 \* 2100) (Size of wood : 100 x 75 mm) (10-1)

130	Salwood		Norms Source :	DUDBC		ANALYZED FOR :	1.00	
			Norms No.	G-1, 10-1		UNIT :	cum	
	Material		Rate	Qty	Amount	Labour	Rate	Qty
								Amount
	Salwood (cum)		197568.00	1.1	217324.8	Carpenter	1050.00	34
	Holdfast (Nos.)		21.43	92	1971.428571	Unskilled labour	790	3.4
	Screw		1.00	184	184			
	A. Material Cost :				219480.2286	B. Labour Cost :		
	C. Sub-total (A+B).....							257390.23
	Overhead@15% of sub-total							38608.53
	Total Amount					Rate per cum (NRs.).....		295998.76

131	local wood (Agrakh)		Norms Source :	DUDBC		ANALYZED FOR :	1.00	
			Norms No.	G-1, 10-1		UNIT :	cum	
	Material		Rate	Qty	Amount	Labour	Rate	Qty
								Amount
	Localwood (cum)		49392.00	1.1	54331.2	Carpenter	1050.00	34
	Holdfast (Nos.)		21.43	92	1971.428571	Unskilled labour	800.00	3.4
	Screw		1.00	184	184			
	A. Material Cost :				56486.62857	B. Labour Cost :		
	C. Sub-total (A+B).....							38420.00





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Skilled	1050
Unskilled	800

Overhead@15% of sub-total										14235.99
									Rate per cum (NRs.)	109142.62

**38mm thick wood frame for panelled door shutter (10-2)**

**132 Salwood**

		Norms Source :		DUDBC	ANALYZED FOR :				2.114
		Norms No.		G-2, 10-2	UNIT :				
1.07*1.982		2.11							
Material	Rate	Qty	Amount	Labour	Rate	Qty	Sqm	Amount	
Salwood (cum)	197568.00	0.084	16595.712	Carpenter	1050.00	10		10500.00	
Hinge 100 mm (No.)	32.00	6	192	Unskilled labour	800.00	1		800.00	
Lockset 250mm (No.)	320.00	1	320						
Handle (No.)	180.00	2	360						
Cheskini alluminium 150mm	75.00	2	150						
Screw (appr. 1/2 kg)		LS	50						
A. Material Cost :			17667.712	B. Labour Cost :				11300.00	
C. Sub-total (A+B)								28967.71	
Overhead@15% of sub-total								4345.16	
								Rate per sqm (NRs.)	15758.22

**133 Local wood (Agrakh)**

		Norms Source :		DUDBC	ANALYZED FOR :				2.114
		Norms No.		G-2, 10-2	UNIT :				
1.07*1.982		2.11							
Material	Rate	Qty	Amount	Labour	Rate	Qty	Sqm	Amount	
Localwood (cum)	49392.00	0.084	4148.928	Carpenter	1050.00	10		10500.00	
Hinge 100 mm (No.)	32.00	6	192	Unskilled labour	800.00	1		800.00	
Lockset 250mm (No.)	320.00	3	960						
Handle (No.)	180.00	2	360						
Cheskini alluminium 150mm	75.00	2	150						
Screw (appr. 1/2 kg)		LS	50						
A. Material Cost :			5860.928	B. Labour Cost :				11300.00	
C. Sub-total (A+B)								17160.93	
Overhead@15% of sub-total								2574.14	
								Rate per sqm (NRs.)	9335.41

**38mm thick Salwood wood frame for flushed door shutter (size 1.092m X 2.058m)**

**134 3mm commercial Plywood Double Side**

		Norms Source :		DUDBC	ANALYZED FOR :				2.245
		Norms No.		G-4, 10-7	UNIT :				
Material	Rate	Qty	Amount	Labour	Rate	Qty	Sq.m.	Amount	
Salwood (cum)	197568.00	0.0346	6835.8528	Carpenter	1050.00	7		7350.00	
3 mm commercial plywood	282.45	4.65	1313.3925	Unskilled labour	800.00	0.7		560.00	
Hinge 100 mm (No.)	32.00	3	96						
Lock set	320.00	1	320						
Handle (No.)	180.00	2	360						
Cheskini alluminium 150mm	75.00	2	150						
Screw (appr. 1/2 kg)		LS	50						
A. Material Cost :			9125.2453	B. Labour Cost :				7910.00	
C. Sub-total (A+B)								17035.25	
Overhead@15% of sub-total			2.247336					17035.25	
								Rate per sqm (NRs.)	8726.29

**135 3mm teak Plywood double Side**

		Norms Source :		DUDBC	ANALYZED FOR :				2.245
		Norms No.		G-4, 10-8	UNIT :				
Material	Rate	Qty	Amount	Labour	Rate	Qty	Sq.m.	Amount	
Salwood (cum)	197568.00	0.0346	6835.8528	Carpenter	1050.00	7		7350.00	
4 mm teak plywood	440.62	4.65	2048.8923	Unskilled labour	800.00	0.7		560.00	
Hinge 100 mm (No.)	32.00	3	96						
Lock set	320.00	2	640						
Handle (No.)	180.00	1	180						
Cheskini alluminium 150mm	75.00	2	150						
Screw (appr. 1/2 kg)		LS	50						
A. Material Cost :			10000.7451	B. Labour Cost :				7910.00	
C. Sub-total (A+B)								17910.75	
Overhead@15% of sub-total								17910.75	
								Rate per sqm (NRs.)	2686.61

**136 28 gauge plain sheet both Side**

		Norms Source :		DUDBC	ANALYZED FOR :				2.245
		Norms No.		G-4, 10-9	UNIT :				
Material	Rate	Qty	Amount	Labour	Rate	Qty	Sq.m.	Amount	
Salwood (cum)	197568.00	0.0346	6835.8528	Carpenter	1050.00	7		7350.00	
28 gauge plain sheet	536.82	4.65	2496.227531	Unskilled labour	800.00	0.7		560.00	







Skilled	1050
Unskilled	800

4 mm Glass	882.32	1.085	957.3172	Unskilled labour	800.00	0.9	720.00
Hinge 75 mm (No.)	32.00	8	256				
Handle (No.)	320.00	4	1280				
Screw (appr. 1/2 kg)		LS	50				
Cheskini aluminium 150mm	75.00	2	150				
A. Material Cost :			12374.1492	B. Labour Cost :			10170.00
C. Sub-total (A+B).....							22544.15
Overhead@15% of sub-total							3381.62
							Rate per sqm (NRs.).....
							25925.77

142 5 mm thick Glass

	Norms Source :		DUDBC	ANALYZED FOR :			1.00
	Norms Reference		G-3, 10-5	UNIT :			Sq.m.
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Salwood (cum)	197568.00	0.049	9680.832	Carpenter	1050.00	9	9450.00
5 mm Glass	1054.48	1.085	1144.1108	Unskilled labour	800.00	0.9	720.00
Hinge 75 mm (No.)	32.00	8	256				
Handle (No.)	320.00	4	1280				
Screw (appr. 1/2 kg)		LS	50				
Cheskini aluminium 150mm	75.00	2	150				
A. Material Cost :			12560.9428	B. Labour Cost :			10170.00
C. Sub-total (A+B).....							22730.94
Overhead@15% of sub-total							3409.64
							Rate per sqm (NRs.).....
							26140.58

143 Single coat white washing on newly plastered Surface

	Norms Source		DUDBC	Analysed for			100.00
	Norms Reference		j-1, 13-1(ka)	UNIT :			sqm
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
lime	35.00	12	420	Painter (No.)	1050.00	0.8	840.00
Glu	170.00	0.48	81.6	Unskilled labour	800.00	0.7	560.00
A. Material Cost :			501.6	B. Labour Cost :			1400.00
C. Sub-total (A+B).....							1901.60
Overhead@15% of sub-total							285.24
							Rate per sqm (NRs.).....
							21.87

144 Double coat of White washing ( Lime) on newly plastered surface

	Norms Source		DUDBC	ANALY			100.00
	Norms Reference		j-1, 13-1(kha)	UNIT :			sqm
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
lime	35.00	22	770	Painter (No.)	1050.00	1.5	1575.00
Glu	170.00	0.88	149.6	Unskilled labour	800.00	1.1	880.00
A. Material Cost :			919.6	B. Labour Cost :			2455.00
C. Sub-total (A+B).....							3374.60
Overhead@15% of sub-total							506.19
							Rate per sqm (NRs.).....
							38.81

145 3 Coats of White washing ( Lime) on newly plastered surface ( 13 .1 kha)

	Norms Source		DUDBC	ANALY			100.00
	Norms Reference		j-1, 13-1(ga)	UNIT :			sqm
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
lime	35.00	32	1120	Painter (No.)	1050.00	3	3150.00
Glu	170.00	1.28	217.6	Unskilled labour	800.00	2.7	2160.00
A. Material Cost :			1337.6	B. Labour Cost :			5310.00
C. Sub-total (A+B).....							6647.60
Overhead@15% of sub-total							997.14
							Rate per sqm (NRs.).....
							76.45

146 White washing in lime on old Plastered surface

	Norms Source		DUDBC	ANALYZED FOR :			100.00
	Norms Reference		j-2, 13-2	UNIT :			sqm
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
White cement	30.00	10	300	Painter (No.)	1050.00	0.8	840.00
Glu	170.00	0.4	68	Unskilled labour	800.00	0.7	560.00
A. Material Cost :			368	B. Labour Cost :			1400.00
C. Sub-total (A+B).....							1768.00
Overhead@15% of sub-total							265.20
							Rate per sqm (NRs.).....
							20.33

147 Double coat of distemper over one coat of primer

	Norms Source		DUDBC	ANALYZED FOR :			100.00
	Norms Reference		j-3, 13-3	UNIT :			sqm
Material	Rate	Qty	Amount	Labour	Rate	Qty	Amount
Distemper Powder Kg	110.00	11.5	1265	Painter (No.)	1050.00	5.8	6090.00
Primer Ltr	250.00	8	2000	Unskilled labour	800.00	5.8	4640.00
A. Material Cost :			3265	B. Labour Cost :			10730.00
C. Sub-total (A+B).....							13995.00
Overhead@15% of sub-total							2099.25
							Rate per sqm (NRs.).....
							160.94

148 Single coat Water proof cement paint









**Panini Rural Municipality**

Office of the Municipal Executive

Durghaphant, Arghakhanchi

Lumbini Province, Nepal

**ANALYSIS OF RATES (GoN) For Contractor**

F. Y. :- 2081/82

Skilled	1050
Unskilled	800

Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	12	12600.00
Emulsion paint Ltr	350.00	16	5600	Unskilled labour	800.00	8	6400.00
A. Material Cost :			7625	B. Labour Cost :			19000.00
Material							26625.00
							3993.75
				Rate per sqm (NRs.).....			306.19

**156 Exterior Double coat of emulsion paint(Ace or equivalent) over one coat of primer**

							100.00
							sqm
Material							Amount
Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	12	12600.00
Emulsion paint Ltr	700.00	16	11200	Unskilled labour	800.00	8	6400.00
A. Material Cost :			13225	B. Labour Cost :			19000.00
							32225.00
Water proof cement kg							4833.75
				Rate per sqm (NRs.).....			370.59

**157 Interior Double coat of emulsion paint(Luxurious or equivalent) over one coat of primer**

							100.00
							sqm
Material							Amount
Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	12	12600.00
Emulsion paint Ltr	270.00	16	4320	Unskilled labour	800.00	8	6400.00
A. Material Cost :			6345	B. Labour Cost :			19000.00
							25345.00
Water proof cement kg							3801.75
				Rate per sqm (NRs.).....			291.47

**158 Interior Double coat of emulsion paint(Premium or equivalent) over one coat of primer**

							100.00
							sqm
Material							Amount
Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	12	12600.00
Emulsion paint Ltr	270.00	16	4320	Unskilled labour	800.00	8	6400.00
A. Material Cost :			6345	B. Labour Cost :			19000.00
							25345.00
Primer ltr							3801.75
				Rate per sqm (NRs.).....			291.47

**159 Interior Double coat of emulsion paint over one coat of primer**

							100.00
							sqm
Material							Amount
Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	12	12600.00
Emulsion paint Ltr	270.00	16	4320	Unskilled labour	800.00	8	6400.00
A. Material Cost :			6345	B. Labour Cost :			19000.00
							25345.00
Overhead@15% of sub-total							3801.75
				Rate per sqm (NRs.).....			291.47

**160 Single coat of Aluminium Paint without primer**

							100.00
							sqm
Material							Amount
Aluminium Paint Ltr	700.00	5.38	3766	Painter (No.)	1050.00	3.75	3937.50
Sand Paper (Khakshi) Nos.			100	Unskilled labour	800.00	3.75	3000.00
A. Material Cost :			3866	B. Labour Cost :			6937.50
							10803.50
Overhead@15% of sub-total							1620.53
				Rate per sqm (NRs.).....			124.24

**161 Double coat of Aluminium Paint without primer**

							100.00
							sqm
Material							Amount
Aluminium Paint Ltr	700.00	10.76	7532	Painter (No.)	1050.00	7.75	8137.50
Sand Paper (Khakshi) Nos.			100	Unskilled labour	800.00	7.75	6200.00
A. Material Cost :			7632	B. Labour Cost :			14337.50
							21969.50
Overhead@15% of sub-total							3295.43
				Rate per sqm (NRs.).....			252.65

**162 Double coat of Aluminium Paint over one coat of primer in Metal**

							100.00
							sqm
Material							Amount
Primer ltr	250.00	8.1	2025	Painter (No.)	1050.00	10.75	11287.50








**Panini Rural Municipality**  
 Office of the Municipal Executive  
 Durghapatti, Aaghakhanchi  
 Lumbini Province, Nepal  
**ANALYSIS OF RATES (GoN) For Contractor**  
 F. Y. 2081/82

Skilled	1050
Unskilled	800

C. Equipment Cost									
Vibratory Roller	Hr.	2476.10	6	14856.58407					
C. Sub-total (A+B)									500470.66
									Rate per cum (NRs.)
									2502.35

170 Providing and laying local Gravel (रेटो) on Potholes and spreading manually/Machine without compaction

										200.00
		Norms Source :		DOR	ANALYZED FOR :					
		Norms No.		12.1 B 1201	UNIT :					Cum.
Material		Rate	Qty	Amount	Labour	Rate	Qty			Amount
Sub-base material (Gravel)		590.68	256	151214.08	Skilled labour	1050.00	2			2100.00
					Unskilled labour	800.00	60			48000.00
A. Material Cost :				151214.08	B. Labour Cost :					50100.00
C. Sub-total (A+B)										201314.08
Overhead@15% of sub-total										30197.11
										Rate per sqm (NRs.)
										1157.56

171 झ्यालमा ३ मिमि X २० मिमि को Flat राखि ८ मिमि को Square Rod १० Cm Spacing मा राखी ग्रिल तयार गर्ने कार्य पेटिटिड सहित (एक कोट रैड अक्साईड प्राईमर सहित १ कोट पेटिटिड गर्ने कार्य)

										1.00
		Norms Source :		DOR	ANALYZED FOR :					
		Norms No.		12.1 B 1201	UNIT :					Sqm
Material		Rate	Qty	Amount	Labour	Rate	Qty			Amount
MS flat		131.38	2.00	262.76	MS Grill, Flat, Square	53.00	14.60			773.80
MS Square rod		111.88	12.60	1409.688	Rod जडान ज्याला					
A. Material Cost :				1672.448	B. Labour Cost :					773.80
C. Sub-total (A+B)										2446.25
										Rate per Sqm (NRs.)
										जम्मा प्रति वर्ग मिटर
										2446.25
C. Sub-total (A+B)										2446.25
Overhead@15% of sub-total										366.94
										Rate per sqm (NRs.)
										2813.19

172 झ्यालमा ३ मिमि X २० मिमि को Flat राखि १० मिमि को Square Rod १० Cm Spacing मा राखी ग्रिल तयार गर्ने कार्य पेटिटिड सहित (एक कोट रैड अक्साईड प्राईमर र १ कोट पेटिटिड समेत)

										1.00
		Norms Source :		DOR	ANALYZED FOR :					
		Norms No.		12.1 B 1201	UNIT :					Sqm
Material		Rate	Qty	Amount	Labour	Rate	Qty			Amount
MS flat		131.38	2.00	262.76	MS Grill, Flat, Square	53.00	18.14			961.42
MS Square rod		111.88	16.14	1805.7432	Rod जडान ज्याला					
A. Material Cost :				2068.5032	B. Labour Cost :					961.42
C. Sub-total (A+B)										3029.92
										Rate per Sqm (NRs.)
										जम्मा प्रति वर्ग मिटर
										3029.92
C. Sub-total (A+B)										3029.92
Overhead@15% of sub-total										454.49
										Rate per sqm (NRs.)
										3484.41

173 ब्लेक पाईपको ट्रेस पलिन याफ्टर प्रयोग गरी ट्रेस निर्माण गर्ने कार्य पेटिटिड सहित (एक कोट रैड अक्साईड प्राईमर र १ कोट पेटिटिड समेत)

										1.00
		Norms Source :		DOR	ANALYZED FOR :					
		Norms No.		12.1 B 1201	UNIT :					KG
Material		Rate	Qty	Amount	Labour	Rate	Qty			Amount
MS Black Pipe		115.88	1.00	115.88	ब्लेक पाईपको ट्रेस पलिन याफ्टर जडान ज्याला	55.00	1.00			55.00
A. Material Cost :				115.88	B. Labour Cost :					55.00
C. Sub-total (A+B)										170.88
										Rate per KG (NRs.)
										जम्मा प्रति के.जी.
										170.88
C. Sub-total (A+B)										170.88
Overhead@15% of sub-total										25.63
										Rate per kg (NRs.)
										196.51

*Signature*

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इन्जिनियर

*Signature*  
रोमनाथ न्यौपाने  
प्रमुख प्रशासकीय अधिकृत





PANINI RURAL MUNICIPALITY  
OFFICE OF THE RURAL MUNICIPAL EXECUTIVE  
Durgaphant, Argakhachi

EQUIPMENT HIRE RATE

आ.व. २०१९/०८२

2) District Rate : Fuel and Lubricant

S.N.	Description	Unit	District Rate	Lead	Total	With VAT
1	Diesel	lit.	155.50		155.50	155.50
2	Kerosene	lit.	155.50		155.50	155.50
3	Petrol	lit.	167.50		167.50	167.50
4	Lubricants	lit.	580.00		580.00	580.00
5	LP gas	kg	101.84		101.84	101.84
5	Electricity	unit	8.29		8.29	8.29

Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30  
Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30  
Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30

3) DOR's Equipment Hire Rate

S.N.	Description	Unit	Ownershi p Charge	Operator's (crew)	Servicing (FOG)	Maintenanc e	Fuel Lit/ Hr	Fuel Cost	Electricity Consumptio n unit/hr	Electricity Cost	Fuel Oil (heating) Lit./Hr	Fuel Oil Cost	Total Hire Rate
1	Backhoe Loader	Hr.	543.00	131.25	136	227	9.79	1347.21		0.00		0.00	2384.46
2	Excavator (upto 150 HP)	hr.	620.00	131.25	165.00	275.00	14.40	1981.59		0.00		0.00	3172.84
3	Excavator with Breaker (150 HP)	hr.	1600.00	131.25	253.00	594.00	9.12	1255.01		0.00		0.00	3833.26
4	Loader Front Wheel (upto 60/25 m3)	hr.	1000.00	131.25	229.00	392.00	8.27	1138.04		0.00		0.00	2890.29
5	Tractor 50 hp	hr.	2200.00	240.00	125.00	81.00	4.50	619.25		0.00		0.00	3265.25
6	Tractor with Ratevator	hr.	83.00	131.25	125.00	87.00	4.50	619.25		0.00		0.00	1045.50
7	Tractor with Ripper	hr.	83.00	131.25	13.00	33.00	4.50	619.25		0.00		0.00	879.50
8	Truck (8 tonnes)	hr.	450.00					0.00					1406.25
9	Truck (10 tonnes, 5.5 cum)	hr.	450.00	240.00	263.00	165.00	9.46	1301.80		0.00		0.00	2419.80
10	Tipper 5 cum	hr.	148.00	131.25	23.00	55.00	6.76	930.25		0.00		0.00	1287.50
11	Water Pump 10cm dia	hr.	3.00	1.00	10.00	1.00	0.00	0.00	29.16	241.73	0.00	0.00	256.73
12	Grader (90 HP)	hr.	1016.00	131.25	256.00	351.00	8.67	1193.08		0.00		0.00	2947.33
13	Water browser/Tanker (upto 8 KL)	hr.	270.00	131.25	38.00	110.00	4.32	594.48		0.00		0.00	1143.73
14	Smooth Wheel Roller	hr.	173.00	131.25	174.00	143.00	6.27	862.82		0.00		0.00	1484.07
15	Vibrator Roller (8 - 10 ton)	hr.	1440.00	240.00	13.00	40.00	5.40	743.10		0.00		0.00	2476.10
16	Pneumatic Tyred Roller	hr.	1200.00	240.00	227.00	527.00	8.19	1127.03		0.00		0.00	3321.03
17	Air compressor	hr.	250.00	360.00	159.00	109.00	5.73	788.51		0.00		0.00	1666.51
18	Bitumen Boiler	hr.	180.00	120.00	88.00	99.00	1.96	269.72		0.00		2.00	311.00
19	Bitumen Sprayer	hr.	358.00	120.00	69.00	124.00	1.15	158.25		0.00		2.50	388.75

21/01/20

रामेन्द्रजीवियर

रामेन्द्रजीवियर  
रामेन्द्रजीवियर





PANINI RURAL MUNICIPALITY  
OFFICE OF THE RURAL MUNICIPAL EXECUTIVE  
Durgaphant, Argakhachi

EQUIPMENT HIRE RATE

आ.व. २०८१/०८२

2) District Rate : Fuel and Lubricant

S.N.	Description	Unit	District Rate	Lead	Total	With VAT
1	Diesel	lit.	155.50		155.50	155.50
2	Kerosene	lit.	155.50		155.50	155.50
3	Petrol	lit.	167.50		167.50	167.50
4	Lubricants	lit.	580.00		580.00	580.00
5	LP gas	kg	101.84		101.84	101.84
5	Electricity	unit	8.29		8.29	8.29

Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30  
Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30  
Nepal Oil Corporation Rate Bhalwari Dipo 2081/04/30

3) DOR's Equipment Hire Rate

S.N.	Description	Unit	Owner's Charge	Operator's (crew)	Servicing (FOG)	Maintenance	Fuel Lit./ Hr	Fuel Cost	Electricity Consumption unit/hr	Electricity Cost	Fuel Oil (heating) Lit./ Hr	Fuel Oil Cost	Total Hire Rate
20	Hand Sprayer	hr.						0.00		0.00		0.00	0.00
21	Bitumen Distributor	hr.	1300.00	360.00	367.00	630.00	10.24	1409.13		0.00	3.00	466.50	4532.63
22	Chip Spreader (Self propelled)	hr.	2600.00	360.00	377.00	645.00	13.60	1871.50		0.00		0.00	5853.50
23	Chips Spreader (Tail mounted)	hr.						0.00		0.00		0.00	0.00
24	Asphalt plant 40 ton/hr	hr.	1658.00	360.00	6033.00	554.00	0.00	0.00	170.00	1409.30	200.00	31100.00	41114.30
25	Asphalt plant 20 ton/hr	hr.	947.00	241.00	3131.00	317.00	0.00	0.00	125.00	1036.25	100.00	15550.00	21222.25
26	Asphalt paver Hydrostatic	hr.	2900.00	300.00	385.00	833.00	13.87	1908.66		0.00		0.00	6326.66
27	Asphalt paver Mechanical	hr.	1400.00	300.00	321.00	783.00	11.56	1590.78		0.00		0.00	4394.78
28	Mobile Slurry Seal Equipment	hr.	877.00	300.00	192.00	288.00	11.56	1590.78		0.00		0.00	3247.78
29	Jack Hammer/Rock Drill	hr.	349.00	60.00	18.00	99.00	0.65	89.45		0.00		0.00	615.45
30	Generator	hr.	10.00	60.00	11.00	3.00	0.39	53.67		0.00		0.00	137.67
31	Screw Jack	hr.	9.00	5.00		1.00	0.00	0.00		0.00		0.00	15.00
32	Electric Heating Plate	hr.	3.00	5.00			0.00	0.00	17.28	143.25		0.00	151.25
33	Mixer Machine	hr.	31.00	60.00	3.00	11.00	1.92	264.21		0.00		0.00	369.21
34	Plate Compactor	hr.	54.00	131.25	9.00	19.00	1.46	200.91		0.00		0.00	414.16
35	Crane Mobile (5-10T)	hr.	1768	300.00	325.00	602.00	11.70	1610.04		0.00		0.00	4605.04
36	Crane Mobile (10-15T)	hr.	1989	360.00	375.00	682.00	13.50	1857.74		0.00		0.00	5263.74
37	Dozer	hr.	1300	131.25	330.00	550.00	14.14	1945.81		0.00		0.00	4257.06
38	Road Marking Machine	hr.	395	360.00	55.00	25.00	0.00	0.00			2.00	311.00	1146.00
39	Mechanical Broom (Broom Roa	hr.	877	240.00	142.00	288.00	5.12	704.57		0.00		0.00	2251.57

रक्षेत्र प्रशासकीय अधिकृत





**PANINI RURAL MUNICIPALITY**  
**OFFICE OF THE RURAL MUNICIPAL EXECUTIVE**  
**BURGAPHANT ARGAKHACHI**  
**Chart for Collection of Materials**

आ.व. २०८१/०८२

Rate  
Skilled Manpower 1050  
Unskilled Manpower 800

S.N.	Description	Unit	Activity No	Labour, Material & Equipment				T & P	Total Amount	Remarks	
				Type	Unit	Qty.	Rate				Amount
1	Collection and sieving gravel including stacking within 10m. Hauling distance.	m3	8.01	Unskilled	md	2	800	1600	48	1648.00	3% of LC
				Unskilled	md	3	800	2400	72	2472.00	
				Unskilled	md	4	800	3200	96	3296.00	
				Unskilled	md	6	800	4800	144	4944.00	
				Unskilled	md	4	800	3200	96	3296.00	
				Unskilled	md	3	800	2400	72	2472.00	
2	Collection of rubble of required size, hauling distance 10m. and stacking.	m3	8.02	Unskilled	md	1.4	800	1120	33.6	1153.60	
3	Collection and sieving sand within 10m. hauling distance.	m3	8.03	Unskilled	md	4	800	3200	96	3296.00	
				Unskilled	md	3	800	2400	72	2472.00	
				Unskilled	md	1.5	800	1200	36	1236.00	
				Unskilled	md	1.5	800	1200	36	1236.00	
4	a. Washing broken stone, gravel and sand. b. Washing rubble	m3	8.04	Unskilled	md	0.5	800	400	12	412.00	
				Unskilled	md	0.2	800	160	4.8	164.80	
5	Manually Breaking stones (excluding collection of rubble) and staking within 10m.	m3	8.05	Unskilled	md	1.5	800	1200	36	1236.00	
				Unskilled	md	2	800	1600	48	1648.00	
				Unskilled	md	3	800	2400	72	2472.00	

*[Signature]*

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इंजीनियर

*[Signature]*  
प्रमुख प्रशासकीय अधिकृत



