



Namasté Gumda Switzerland
Association à but non lucratif reconnue
d'utilité publique

**Projet d'aménagement de la piste d'accès
au dispensaire de Gumda.
Projet de construction d'un mur de
soutènement.**

Annexe 3
Devis



1

धार्चे गाउँपालिका
गाउँकार्यपालिको कार्यालय
माछीखोला, गोरखा
Cost Estimate


Dharche Rural Municipality
Office of the Municipal Executive
Machhikhola, Gorkha, Gandaki Province, Nepal



Project Name: Branch Road from Main Road to Ward Office, Health Post

Location: Dharche-5, Gumda

Fiscal Yr: 2080/81

S.No	Description of work	No	length	breadth	height	Quantity	unit	Rate	Amount	Remarks
1	Earthwork in excavation For Soling Section									
		1	215	3.00	0.30	193.500				
						Total=	193.500	Cu.m	865.20	167,416.20
2	Stone Soling Work For Soling Section	1	215.00	3.00	0.15	98.293				
						Total=	98.293	Cu.m	3735.00	367,125.11
3	PCC Work(1:1.5:3) For Soling Section	1	215.00	3.00	0.18	114.675				
						Total=	114.675	Cu.m	13431.81	1,540,298.24
4	Reinforcement									
	Transvers(10mm dia bar@150mm c/c)	1434	3.00		0.62	2655.556				
	Longitudinal diraction(10mm dia bar@150mm c/c)	21	215.00		0.62	2787.037				unit wt of 10mm ROD=.62kg/m
						Total=	5442.593	kg	157.08	854,930.17
5	Transportation									
	cement					45.870	tn/km	72.00		59,447.73
	sand					77.979	tn/km	72.00		101,061.14
	Aggrigate					172.586	tn/km	72.00		223,672.08
	Stone					172013.106	kg/kosh	3.50		94,069.67
								Total		3,408,020.34
								Contingency 4%		136,320.81
								Sub Total		3,544,341.16

Prepared by

2

2 Item : Earthwork excavation inincluding 10m lead & 1.5m lift

A Soft Soil having silt and clay

Norms No. B1-1

Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md				
	Unskilled	Md	0.70	1050.00	735.00	
Sub-Total					735.00	
Tools & Plants @ 3%					22.05	
Total (Dept. Rate)					757.05	

B Boulder Mixed Soil

Norms No. B1-2

Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md				
	Unskilled	Md	0.80	1050.00	840.00	
Sub-Total					840.00	
Tools & Plants @ 3%					25.20	
Total (Dept. Rate)					865.20	

C Medium Rock

Norms No. B1-2

Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md				
	Unskilled	Md	3.00	1050.00	3150.00	
Sub-Total					3150.00	
Tools & Plants @ 3%					94.50	
Total (Dept. Rate)					3244.50	

D Deep Foundation, Drain, Pipe line trench in B.M.S. including 10m lead & 1.5m lift

Norms No. 2(14) WS

B3



- 3
- 12 Item : Reinforcement bar for RCC works including cutting, binding, bending & placing as per drawing with 30m lead
 Norms No. D9(7-5)
 Unit 1M.T

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md	12.0	1488.00	17856.00	
	Unskilled	Md	12.0	1050.00	12600.00	
Material	T.M.T. Bar	Mt	1.05	119362.00	125330.10	
	Binding wire	Kg.	10	129.53	1295.32	
Sub-Total					157081.42	Per Kg
Total (Dept. Rate)					157081.42	157.08

- 13 Item : C.G.I sheet roofing works including material collection.
 A 24 gauge
 Unit 10 Sqm
 Norms No. F1(9-1)

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md	1.10	1488.00	1636.80	
	Unskilled	Md	1.25	1050.00	1312.50	
Material	C.G.I sheet	Sq.M	12.00	1234.92	14819.00	0.5mm th.
	8 Nutbolt with washer	No.	30.00	29.38	881.40	
	J hook	No.	25.00	40.68	1017.00	
	Bitumen Washer	No.	25.00	1.13	28.25	
Sub-Total					19694.95	
Total (Dept. Rate)					19694.95	1969.49

- B 24 gauge Colour
 Unit 10 Sqm
 Norms No. F1(9-1)

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md	1.10	1488.00	1636.80	
	Unskilled	Md	1.25	1050.00	1312.50	
Material	C.G.I sheet	Sq.M	12.00	1298.12	15577.39	0.5mm th.
	8 Nutbolt with washer	No.	30.00	29.38	881.40	
	J hook	No.	25.00	40.68	1017.00	
	Bitumen Washer	No.	25.00	1.13	28.25	
Sub-Total					20453.34	
Total (Dept. Rate)					20453.34	2045.33

Bh


 Dharche Rural Municipality
 Office of the Municipal Executive
 Machhikhola, Gorkha, Gandaki Province, Nepal

4

3 Item : **Boulder Soling & levelling works in foundation including 30m lead.**
 Norms No. C10 (6-5)
 Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md				
	Unskilled	Md				
Material	Boulder Stone	Cu.M	1.50	1050.00	1575.00	
			1.20	1800.00	2160.00	
Total (Dept. Rate)					3735.00	

4 Item : **Plain cement concrete works in foundation including material collection & 30m lead**

A In (1:3:6)
 Norms No. D1(7-2) ga
 Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md	1.0	1488.00	1488.00	
	Unskilled	Md	4.0	1050.00	4200.00	
Material	Cement(N.S. marks)	M.T	0.22	20462.00	4501.64	
	Agg. 40 mm	Cu.M	0.65	2520.00	1638.00	
	Agg. 20 mm	Cu.M	0.24	2620.00	628.80	
	Course Sand	Cu.M	0.47	2384.00	1120.48	
	Water	Litre	120	0.00	0.00	
Total (Dept. Rate)					13576.92	

B In (1:2:4)
 Norms No. D1(7-2) gha
 Unit Cu.M

Particular	Description	Unit	Quantity	Rate	Amount	Remarks
Labour	Skilled	Md	1.0	1488.00	1488.00	
	Unskilled	Md	4.0	1050.00	4200.00	
Material	Cement(OPC)	M.T	0.32	20462.00	6547.84	
	Agg. 40 mm	Cu.M	0.52	2520.00	1310.40	
	Agg. 20 mm	Cu.M	0.22	2620.00	576.40	
	Agg. 10 mm	Cu.M	0.11	2620.00	288.20	
	Sand(crusher screen)	Cu.M	0.445	2384.00	1060.88	
	Water	Litre	150	0.00	0.00	
Total (Dept. Rate)					15471.72	

Bm



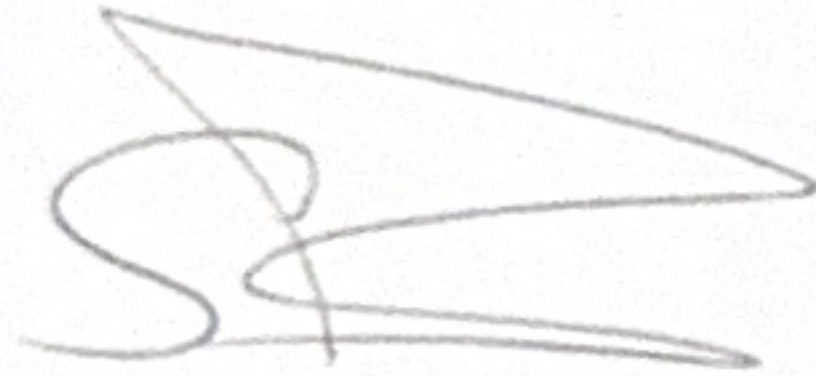
Plan de soutènement Hostel => 6930.-

Estimate & Abstract Cost

Name of Project: Construction of cemented wall on backside of hostel building

Location: Shree Suryadaya Secondary School, Dharche R M-5 Gumda

S.N.	Description of works	No.	Length	Breath	Height	Quantity	Units	Rate	Amounts	Remarks
1	Earthwork excavation in boulder mixed soil including 10m lead & 1.5m lift									
	for Foundation of retaining wall	1	15	1.2	0.6	10.8				
	for Foundation of retaining wall	1	20	1.2	0.6	14.4				
		Sub-total				25.2	Cu.m	865.20	21803.04	
2	Broken hammered dressed stone soling on prepared bedding and leveling foundation as per standard specifications with including 30m lead									
		1	35	1.2	0.15	6.3				
		Sub-total				6.3	Cu.m	3735.00	23530.5	
3	Plain Cement Concrete (1:2:4, M15) in foundation using crushed aggregate, fresh OPC cement & washed sand by mixing as per standard specifications									
		1	35	1.2	0.1	4.2				
	for capping	1	35	0.5	0.05	0.88				
		Sub-total				5.08	Cu.m	13576.92	68902.87	
4	Uncoursed rubble stone masonry work in 1:4 c/s mortar including compensation for using special dressed stone on the face of walls with better and making weep holes if necessary									
		1	35	0.9	2	63				
		Sub-total				63	Cu.m	14250.26	897766.3	
5	Providing and Pointing with cement mortar on masonry work in structure as per Technical Specifications at cement mortar 1:3									
		1	35		2	70				
		Sub-total				70	Sq.m	394.01	27580.96	
Total									1039584	



Prepared By
Sonam Gurung