



DHARCHHE RURAL MUNICIPALITY
OFFICE OF RURAL MUNICIPALITY EXECUTIVE
Machhikhola, Gorkha, Gandaki Province



Estimate

Name of Scheme: Construction of Masonary Wall

Location :- Dharche R. M.-05, Machhikhola.

Fiscal Yrs: 2082/83

S. No.	Description of Items	No	Length	Breadth	Height	Quantity	Unit	Remarks
1.00	Site clearence (Grass Cutting, Weep out their root, removal of debris, Levelling and lead of debris)	1	25		3	75.00	Sq.M	
2.00	Earthwork Excavation in boulder mix soil including 10m lead & 1.5m lift.							
	i) For Foundation of Wall 1	1.00	4.20	0.40	0.30	0.50		
	ii) For Foundation of Wall 2	1.00	3.00	0.40	0.30	0.36		
	iii) For Foundation of Wall 3	1.00	2.85	0.60	0.30	0.51		
	iv) For Foundation of Wall 4	1.00	1.95	0.40	0.30	0.23		
	v) For Foundation of Wall 5	1.00	2.70	0.40	0.30	0.32		
	Slope cutting	1.00	19.50	0.60	2.20	20.59		
				Sub-Total		22.53	Cu.M	
3.00	Stone soling work.							
	i) For Foundation of Wall	1.00	14.70	0.35	0.15	0.78		
	ii) For retaining wall	1.00	2.85	0.60	0.15	0.26		
				Sub-Total		1.04	Cu.M	
4.00	PCC work of (1:2:4).							
	i) For Foundation of Wall	1.00	14.70	0.35	0.10	0.52		
	ii) For retaining wall	1.00	2.85	0.60	0.10	0.17		
	iii) On the of the Wall	1.00	14.70	0.35	0.08	0.39		
	iv) on the top of retaining wall	1.00	4.75	0.40	0.10	0.19		
				Sub-Total		1.28	Cu.M	
5.00	Stone masonry work of (1:4)							
	i) Wall 1	1.00	4.20	0.35	2.50	3.68		
	ii) Wall 2	1.00	3.20	0.35	1.80	2.02		
	iii) Wall 3	1.00	2.80	0.50	2.60	3.64		
	iv) Wall 4	1.00	1.90	0.35	0.60	0.40		
	v) Wall 5	1.00	4.80	0.35	1.80	3.02		
	vi) Wall 6	1.00	6.00	0.35	1.00	2.10		
	vii) Wall 7	1.00	2.00	0.35	0.90	0.63		
				Sub-Total		15.48	Cu.M	
6	Transportation							
	Stone by Tractor Approx. 3.8km					32.00	Tn	
	Sand by Tractor Approx 2.8km					12.06	Tn	
	cement by Tractor Approx .8km					2.87	Tn	
	Stone, sand & cement by Manually Approx. 250m					46933.58	kg	

Prepared By

(Signature)

Sub Engineer



DHARCHE RURAL MUNICIPALITY
OFFICE OF RURAL MUNICIPALITY EXECUTIVE
Machhikhola, Gorkha, Gandaki Province



Name of Scheme: Construction of Masonary Wall
Location :- Dharche R. M.-05, Machhikhola.

Labour, Material & Equipments as Per Estimate

S.N.	Description of Works	Quantity	Units	Labour				Cement of 50kg (Bags)		Sand (Cub.M)		Aggregate (Cub.M)		Stone (Cub.M)	
				Skilled		Unskilled		Ratio	Qty.	Ratio	Qty.	Ratio	Qty.	Ratio	Qty.
				Ratio	Qty.	Ratio	Qty.								
1.00	Site clearance (Grass Cutting, Weep out their root, removal of debris, Levelling and lead of debris)	75.00	Sq.M		-	0.02	1.73		-		-		-		-
2.00	Earthwork Excavation in boulder mix soil including 10m lead & 1.5m lift.	22.53	Cub.M		-	0.80	18.02		-		-		-	1.20	1.25
3.00	Stone soling work.	1.04	Cub.M		-	1.50	1.57		-		-		-		-
4.00	PCC work of (1:2:4).	1.28	Cub.M	1.00	1.28	4.00	5.13	0.320	8.20	0.45	0.57	0.85	1.09		-
5.00	Stone masonry work of (1:4)	15.48	Cub.M	1.50	23.23	5.00	77.42	0.159	49.24	0.45	6.97		-	1.10	17.03
Total					24.51		103.86		57.44		7.54		1.09		18.29

List of Materials

S.N.	Materials	Quantity	Units
1	Skilled Labour	24.51	Md
2	Unskilled Labour	103.86	Md
3	Cement of 50kg (Bags)	57.44	Bags
4	Sand (Cub.M)	7.54	Cub.M
5	Aggregate (Cub.M)	1.09	Cub.M
6	Stone (Cub.M)	18.29	Cub.M

(Signature)
Sub Engineer



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OFFICE OF RURAL MUNICIPALITY EXECUTIVE
Machhikhola, Gorkha, Gandaki Province

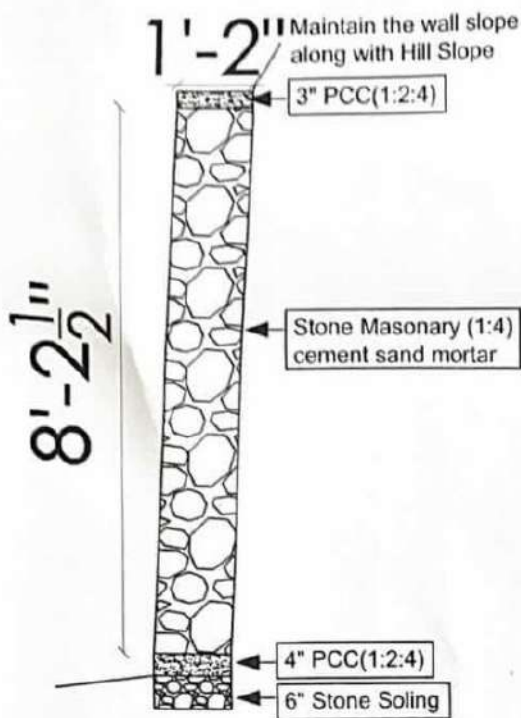


Abstract Of Cost

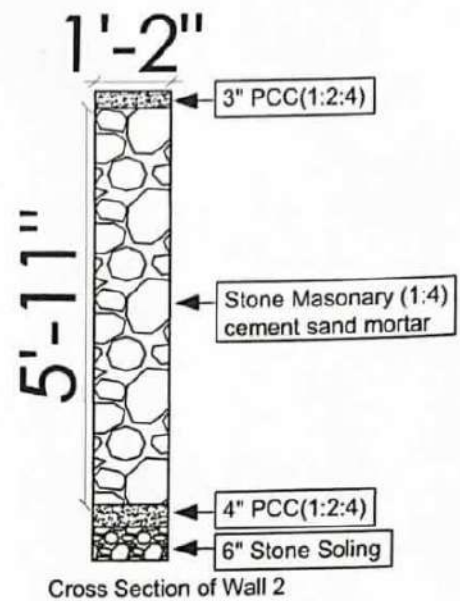
me of Scheme: Construction of Masonary Wall
Location :- Dharche R. M.-05, Machhikhola.

Fiscal Yrs:2082/83

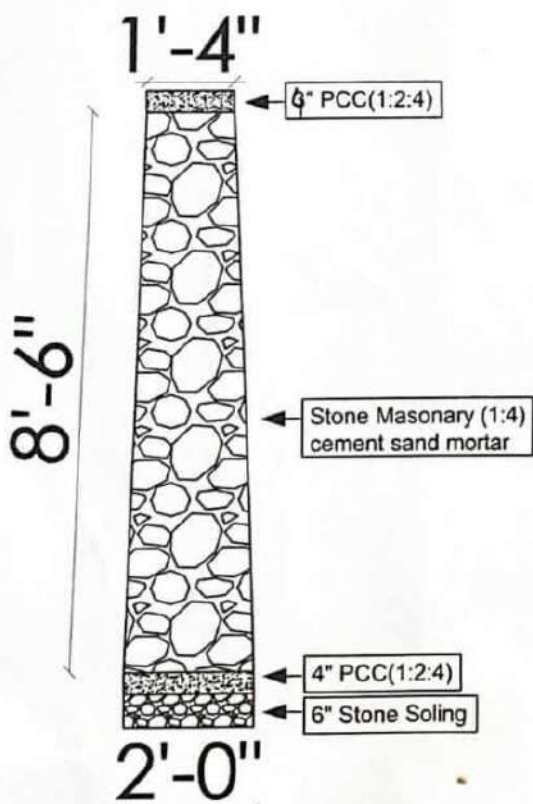
S. No.	Description of Items	Quantity	Unit	Rate	Amount	Remarks
1.00	Site cleareance (Grass Cutting, Weep out their root, removal of debris, Levelling and lead of debris)	75.00	Sq.M	25.02	1,876.25	
2.00	Earthwork Excavation in boulder mix soil including 10m lead & 1.5m lift.	22.53	Cub.M	870.14	19,601.73	
3.00	Stone soling work.	1.04	Cub.M	3768.00	3,936.44	
4.00	PCC work of (1:2:4).	1.28	Cub.M	15523.60	19,894.37	
5.00	Stone masonry work of (1:4)	15.48	Cub.M	14344.36	222,108.13	
6.00	Transportation					
	Stone by Tractor Approx. 3.8km	32.00	Tn/km	72.00	8,755.36	
	Sand by Tractor Approx 2.8km	12.06	Tn/km	72.00	2,431.49	
	cement by Tractor Approx .8km	2.87	Tn/km	72.00	165.43	
	Stone, sand & cement by Manually Approx. 250m	46933.58	Kg/kosh	3.50	12,833.40	
Total Estimated Cost					291,602.60	



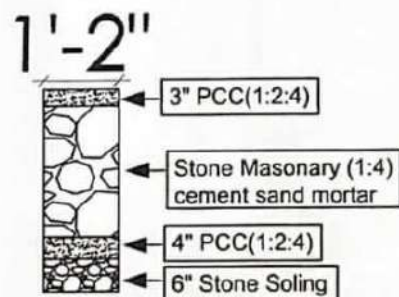
Cross Section of Wall 1



Cross Section of Wall 2



Cross Section of Wall 3



Cross Section of Wall 4, 5, 6 & 7 (different in height and lenght according to estimate)

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

[Signature]
Sinh-Engineer