

Detail Estimate

Project: Construction of primary Secondary School Building

Location: Barpak -2 Mandre Gorkha

Component: Building

S.N	Description of items	No;	Length	Breadth	Height	Quantity	Unit	Rate {NRs}	Amount {NRs}	Remarks
1	C/L Method $\{18.3-0.6\} * 2 + \{4.5+0.6\} * 2 + \{4.5+0.6/2\} * 4 = 35.4 + 10.2 + 5.7 = 51.3$ meter									
1	Earth work Excavation work in Foundation in hard soil	1	51.3	0.6	0.5	15.39	Cu.m	189.52	2916.70	
2i	Dry stone Masonary in Fondation	1	51.3	0.6	0.5	15.39				
ii	Stone solling	1	18.3	4.5	0.2	16.47				
iii	Dry Stone Masonary Above G/L Method									
	C/L Method $\{18.3-0.45\} * 2 + \{4.5+0.45\} * 2 + \{4.5+0.45/2\} * 4 = 35.7 + 9.9 + 5.4 = 51$ meter									
		1	51	0.45	2.5	57.37				
iv	Varanda	1	18.3	1	0.5	9.15				
v	Side Wall(Top)	4	2.7	0.45	1	4.86				
	Sub-total					103.24				
	Deduction									
	Door	3	0.9	0.45	2.1	2.55				
	Window	8	1.892	0.45	1.22	17.85				
	Deduction total					20.40				
	Total					82.84	Cu.m	4160	344614.00	
3	P.C.C.1:2:4 Work	1	18.3	4.5	0.1	8.23				
	Total					8.23	Cu.m	12091	99569.00	
4	Lod sal wood work For(Door(0.9*2)+(2.1+2) =6m	3	6	0.1	0.075	0.135				
	Total					0.135	Cu.m	48510.08	6549.00	
ii	38mm fram and panelled Shutter	3	1.07		1.829	6.07				
	Total					6.07	Sq.m	3439	20886.00	
5i	Window	8	1.829		1.22	17.85				
	Total					17.85	Sq.m	2723.34	48614.00	
ii	Rod 8mm dai meter for Window protection	8	5.87			46.96				Hama
	Total					46.96	kg	90.85	4266.00	
6	Salla wood for beam and other									
i	Beam	6	18.3	0.12	0.15	1.97				

S. N	Description of items	No;	Length	Breadth	Height	Quantity	Unit	Rate (NRs)	Amount (NRs)	Remarks
ii	Dallin	3	5.4			0.23				
iii	Purling	74	3.7	0.1	0.05	1.369				
	Total					3.75	Cu.m.	38740	145236	
5	Plaster 1:4 ratio (Internal Room+ Varanda 20mm thick) $2h(l+b) \times 4 = 2 \times 2.5$ $(5.5+4.5) \times 4 = 200$					200	Sq.m	339.9	67980	
6	CGI sheet for roof covering work									26Gs
i	Front Side	1	18.3	4.1		75.3				
ii	Back Side	1	18.3	3.1		56.73				
	Total					131.76	Sq.m	757.5	99808	
7	Plansheet for	1	18.3	1		18.3	Sq.m	797.0	14585	
	Total of civil works								855023	
								Contingencies@ 5%	42751	
								SubTotal	897774	
								25% aid by committee	- 224443	
								Grand Total	673331	

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Checked By:

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