

Detail Estimate

Project	Construction of Hostel Building
Location	Barpak-4, Gorkha
Component	Building

S.N.	Description of Item	No.	Length	Breath	Height	Qty	Unit	Rate (NRs)	Amount (NRS.)	Remarks
1	C/L Method									
	$(54.45-0.6) \times 2 + (4.5 + 0.6) \times 4 + 4.5+0.6/2 \times 18 + (1.2+0.6) \times 2 + (11.25 - 0.6) \times 4 + (4.5+0.6/2) \times 4 = 107.7 + 20.4 + 9.9 + 3.6 + 42.6 + 5.7 = 189.9m.$									
i	Earth work Excavation work in Foundation in hard soil	1	189.90	0.60	0.50	56.69	Cu.m.	189.52	10,743.88	
2	Dry Stone masonry in Foundation	1	189.90	0.60	0.50	56.69				
ii	Stone Soling	1	75.00	6.40	0.20	96.00				
iii	Dry Stone masonry in above G/L C/L method									
	$(54.45-0.45) \times 2 + (4.5 + 0.45) \times 4 + 4.5+0.45/2 \times 18 + (1.2+0.45) \times 2 + (11.25 - 0.45) \times 4 + (4.5+0.45/2) \times 4 = 108 + 19.6 + 8.55 + 3.33 + 43.2 + 5.4 = 188.05m.$									
iv	Varanda	1	188.05	0.45	2.60	220.00				
v	Sidewall (top)	15	2.74	0.45	1.20	22.19				
	Sub total					439.88				
	Deduction									
	Door	14	0.90	0.45	2.10	11.91				
	Window	20	1.89	0.45	1.22	20.77				
	Ventilation	10	0.50	0.45	0.50	1.13				
	Deduction Total					33.80				
	Total					406.08	Cu.m.	4,160.00	1,689,284.00	
3	PCC 1:2:4 work	1	75.00	6.40	0.10	48.00				
	Total					48.00	Cu.m.	12,091.00	580,368.00	

4	Lod salwood work for Door (0.9X2)+(2.1X2) =6mtr									
		14	6.00	0.10	0.08	0.63	Cu.m.	48,510.08	30,561.00	
ii	38mm frame & Panelled Shutters	14	1.07		1.89	26.69				
	Total					26.69	Sq. Mtr.	3,439.00	102,104.00	
5	Window	20	1.89		1.22	46.66				
	Ventilation	10	0.50		0.50	2.50				
	Total					48.66	Sq.Mtr	2,723.34	132,518.00	
ii	Rod 8mmdai meter for window protection									
	Total					117.40	kg	90.85	10,665.00	Hama
6	Salla wood work for beam									
i	beam	75	0.12	0.15	8.10					
ii	Dallin	14	5.40			0.43				
iii	Purling	300	3.54	0.10	0.05	5.31				
	Total					13.84	Cu.m.	38,740.00	535,968.00	
7	Plaster 1:4 ratio (Internal Room+Varanda 20mm thick $2h(L+b) \times 15 = 2 \times 2.6(4.95+4.5) \times 15 = 737.1$)					737.10	Sq. m.	339.90	250,540.00	
8	CGI sheet for roof covering work									
i	Front Side	1	75.00	4.51		338.25				
	Back Side	1	75.00	3.51		263.25				
	Total					601.50	Sq. mtr.	757.50	455,636.00	26gaus 0.52mm

9	Plansheet for top roof	1	75.00	1.00	75.00	Sq.mtr	797.00	59,775.0
Total of civil works								3,858,164.00
Contigencies @ 5%								192,908.20
Sub Total								4,051,072.20
25% aid by community								1,012,768.05
Grand Total								3,038,304.15

Man Chale
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 Assistant Sub-Engineer
 Barpak-4, Gorkha

Checked by _____

Approved by _____

