

PARBATI LOWER SECONDARY SCHOOL

UHIYA-4

GORKHA

Detail Estimate

Project : Construction of Parbati Lower Secondary School Building.
 Location : Uhiya Gorkha
 Component : Building

S. No.	Description of Items	No.	Length	Breadth	Height	Quantity	Unit	Rate (NRs)	Amount (NRs)	Remarks
1	Earth work excavation work in Foundation in hard soil (with out Pillar foundation)									
	Long wall	2	22.85	0.60	0.60	16.45				
	Short wall	6	2.85	0.60	0.60	6.16				
	Total					22.61	m³	189.52	4285.05	
2	Boulder solling works									
	for foundation	2	22.85	0.60	0.15	4.11				
		6	2.85	0.60	0.15	1.54				
	in floor	5	4.00	3.00	0.15	9.00				
	Varanda	1	22.70	1.00	0.15	3.41				
	Total					18.06	m³	2718.60	49097.92	
3	1:2:4 P.C.C. works									
		2	22.85	0.60	0.10	2.74				
		6	2.85	0.60	0.10	1.03				
	in floor	5	4.00	3.00	0.10	6.00				
	In Varanda	1	22.70	1.00	0.10	2.27				
	Total					12.04	m³	14140.16	170247.53	
4	Stonemasonry work in 1:6 c/s mortar with out pillar									
	Long walls	2	22.70	0.60	0.60	16.34				
	Short walls	6	3.00	0.60	0.60	6.48				
	Long walls	2	22.70	0.45	2.80	57.20				
	Short walls	6	3.00	0.45	2.80	22.68				
	Trangle portion	6	1/2x6x3.9x1.2x0.45			6.32				
	Varanda side	1	22.70	0.30	0.30	2.04				
	For parapet wall	12	4.00	0.45	0.45	9.72				
	Subtotal					120.78				
	Deduction									
	Door (D)	5	0.90	0.45	2.15	4.35				
	Window (W)	12	1.50	0.45	1.50	12.15				
	Deduction total					16.50				
	Total					104.28	m³	6789.85	708045.56	
5	Salwood work for d/w Choukosh									
	Doors (D)	5	6.10	0.10	0.08	0.24				
	Window (W)	12	9.00	0.10	0.08	0.86				
	Total					1.10	m³	39972.32	43969.55	
6	38mm thk.salwood panelled shutters									

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	Door (D)	5	2.00		0.85	8.50				
	Window (W)	12	1.30		1.30	20.28				
	Total					28.78	m³	4258.50	122559.63	
7	20 mm thk. 1:4 c/s plaster									
	Outside total	1	53.20		2.80	148.96				
	Inside Long	10	4.00		2.80	112.00				
	Inside short	10	3.00		2.80	84.00				
	Trangle Portion	12		1/2x3.9x1.2		28.08				
	Floor	5	4.00	3.00		60.00				
	Varanda	1	22.70	1.00		22.70				
	Subtotal					455.74				
	Deduction									
	Door (D)	5	2.15		0.90	9.68				
	Window (W)	12	1.50		1.50	27.00				
	Deduction total					36.68				
	In +Out					73.36				
	Total					382.38	m²	413.30	158037.65	
8	1:1 c/s punning 3mm thk. Inside									
	in floor	5	4	3		60.00				
	Varanda	1	22.7	1		22.70				
	Total					82.70	m²	234.20	19368.34	
9	Two Coat Snowceme Paint on Plastered Surface									
	Outside total	1	53.20		2.80	148.96				
	Inside Long	10	4.00		2.80	112.00				
	Inside short	10	3.00		2.80	84.00				
	Trangle Portion	12		1/2x3.9x1.2		28.08				
	Floor	5	4.00	3.00		60.00				
	Varanda	1	22.70	1.00		22.70				
	Subtotal					455.74				
	Deduction									
	Door (D)	5	2.15		0.90	9.68				
	Window (W)	12	1.50		1.50	27.00				
	Deduction total					36.68				
	In +Out					73.36				
	Total					382.4	Sq.ft	29.84	11410.82	
10	Two Coat Readymade Enamel Paint on New Surface									

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	Door (D)	5	2.15		0.90	9.68				
						9.68				
	Multipling Factor 2.25				Sub total	21.78				
	Window (W)	12	1.50		1.50	27.00				
						27.00				
					Total	48.78	Sq.ft	140.70	6863.35	
11	10mm dia Rod for window protection	60	1.65	99.00	0.62	61.38	kg			
	Total					61.38	kg	108.74	6674.46	
12	Sal wood work for Beam rafter & others									
	Beam	3	23.50	0.12	0.15	1.27				
	Rafter	64	4.40	0.08	0.08	1.80				
	Purlin	18	23.50	0.05	0.08	1.69				
						4.76	m3	29794.50	141821.82	
13	26 Gauge CGI Sheet for roof covering work	1	23.50	4.40		103.40				
						103.4	Sq.ft	1217.57	125896.74	
									0.00	
14	Transparent Pladtic Sheet			L.S		25.0	m2	85.88	2147.00	
	Total of Civil Works								1570425.42	
	For 2 Nos of Building								3140850.84	
								Contingencies @ 5%	157042.54	
								Grand Total	3297893.38	

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