

LE DEVIS

Quantity Estimate Sheet

F/Y:-069/070

Quantity & Cost Estimate Sheet

Name of Project :-5-Roomed(Wooden Truss& CGI Sheet) Building
School Name :- Shree Janasewa Ps,Gumda-Yamagaun

S.N.	Description of work	No	Length	Breadth	Height	Quantity	unit	Rate	Amount	Remarks
1	Earth work in excavation									
1.1	EW in excavation in foundation in H.S.									
	Column	12	0.90	0.90	0.90	8.75				
	Wall									
	Grid 1-1 & 2-2	2	21.45	0.90	0.90	34.75				
	Grid 3-3	1	4.35	0.90	0.90	3.52				
	L-Shape (Front Side)	1	4.13	0.90	0.90	3.35				
	Grid A-A,B-B,C-C&D-D	4	3.90	0.90	0.90	12.64				
	Grid E-E	1	7.80	0.90	0.90	6.32				
	Verandah									
	Grid- 4-4	1	15.90	0.45	0.45	3.22				
	Grid B'B'	1	1.20	0.45	0.45	0.24				
	Steps									
	1st step	1	5.10	0.30	0.15	0.23				
						Total	73.01	Cum	304.88	22259.91
2	Stone Masonary work									
2.1	Rubble Stone masonary work in mud mortar									
	Up to P.L.									
	Wall									
	Grid 1-1 & 2-2	2	21.45	0.90	0.45	17.37				
	Grid 3-3	1	4.35	0.90	0.45	1.76				
	L-Shape (Front Side)	1	4.13	0.90	0.45	1.67				
	Grid A-A,B-B,C-C&D-D	4	3.90	0.90	0.45	6.32				
	Grid E-E	1	7.80	0.90	0.45	3.16				
	Verandah									
	Grid- 4-4	1	15.90	0.45	0.45	3.22				
	Grid B'B'	1	1.20	0.45	0.45	0.24				
	Steps									
	1st step	1	5.10	0.30	0.150	0.23				
						Sub Total	33.98	Cum		
	Above P.L.									
	Wall									
	Grid 1-1 & 2-2	2	21.45	0.45	3.00	57.92				
	Grid 3-3	1	4.35	0.45	3.00	5.87				
	L-Shape (Front Side)	1	4.13	0.45	3.00	5.58				
	Grid A-A,B-B,C-C&D-D	4	3.90	0.45	3.00	21.06				
	Grid E-E	1	7.80	0.45	3.00	10.53				
	Gable wall									
	Grid A-A,B-B,C-C&D-D		(4*1/2*4.2*1.5)*0.45			5.67				
						Sub Total	106.62	Cum		
	Deduction :-									
	Door	5	0.90	0.45	2.10	-4.25				


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	Window	20	0.90	0.45	1.35	-10.94				
	DPC,Lintel Band									
	Grid 1-1 & 2-2	4	21.45	0.45	0.10	-3.86				
	Grid 3-3	2	4.35	0.45	0.10	-0.39				
	L-Shape (Front Side)	2	4.13	0.45	0.10	-0.37				
	Grid A-A,B-B,C-C&D-D	8	3.90	0.45	0.10	-1.40				
	Grid E-E	2	7.80	0.45	0.10	-0.70				
	Sill Band	1	36.00	0.45	0.08	-1.22				
	Stitching	1	28.80	0.45	0.08	-0.97				
						Sub Total	-24.10	Cum		
						Total	116.50	Cum	2659.50	309822.31
3	PCC for RCC (1:2:4)									
	Column	12	0.23	0.23	3.9	2.48				
	DPC,Lintel Band									
	Grid 1-1 & 2-2	4	21.45	0.45	0.10	3.86				
	Grid 3-3	2	4.35	0.45	0.10	0.39				
	L-Shape (Front Side)	2	4.13	0.45	0.10	0.37				
	Grid A-A,B-B,C-C&D-D	8	3.90	0.45	0.10	1.40				
	Grid E-E	2	7.80	0.45	0.10	0.70				
	Sill Band	1	36.00	0.45	0.08	1.22				
	Stitching	1	28.80	0.45	0.08	0.97				
						Total	11.39	Cum	8488.50	96708.80
4	Reinforcement work									
	Vertical Bar(12mm dia bar)	21	4.50			94.50				
	Column									
	6 nos.12 mm dia bar	48	3.90			187.20				
						Sub Total	281.70	Rm		
						wt. 0.89 kg/m =	250.71	Kgs		
	DPC,Lintel Band									
	3 nos.10mm dia bar@ 0.15m c/c									
	DPC,Lintel Band									
	Grid 1-1 & 2-2	12	21.45			257.40				
	Grid 3-3	6	4.35			26.10				
	L-Shape (Front Side)	6	4.13			24.78				
	Grid A-A,B-B,C-C&D-D	24	3.90			93.60				
	Grid E-E	6	7.80			46.80				
	Sill Band	3	36.00			108.00				
	Stitching	3	28.80			86.40				
						Sub Total	643.08	R/M		
						wt.0.62 kg/m =	398.71	Kgs		
	6mm dia.bars for stirrups @ 150mm c/c									
	Column	360	1.35			486.00				
	DPC band									
	Grid 1-1 & 2-2	572	0.45			257.40				
	Grid 3-3	58	0.45			26.10				
	L-Shape (Front Side)	55	0.45			24.78				
	Grid A-A,B-B,C-C&D-D	208	0.45			93.60				

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	Grid E-E	104	0.45			46.80			
	Sill Band	240	0.45			108.00			
	Stitching	187	0.45			84.00			
						Sub Total	1126.68	Rm	
						wt.0.22 kg/m =	247.87	Kgs	
						Grand Total	897.29	Kgs	93.11 83546.88
5	Wood Work								
5.1	Wood work for Door/Window frame								
	Door	5	6.00	0.10	0.125	0.38			
	Window	20	5.85	0.10	0.125	1.46			
						Total	1.84	Cum	141692.55 260360.06
5.2	Wood work for Roofing								
	Wooden Beam	8	6.52	0.10	0.125	0.65			
	King Post	8	1.60	0.10	0.10	0.13			
	Strut	8	4.00	0.10	0.075	0.24			
	Rafter	16	4.95	0.10	0.1	0.79			
	Purlin	10	22.50	0.075	0.10	1.69			
	Gable Rafter	8	4.95	0.10	0.13	0.50			
5.3	At Corner Room								
	Wooden Beam	2	6.60	0.10	0.125	0.17			
	King Post	1	1.60	0.10	0.10	0.02			
	Rafter	1	15.00	0.10	0.10	0.15			
	Purlin	1	33.90	0.075	0.10	0.25			
						Total	4.58	Cum	124833.43 571655.97
6	38mm thk.pannel wood shutter								
	Door	2	0.77		2.035	3.13			
	Window	20	0.36		1.222	8.80			
						Total	11.93	Sqm	429.64 5126.59
7	Form work								
	DPC, Lintel Band								
	Grid 1-1 & 2-2	8	21.45	0.45	0.10	7.72			
	Grid 3-3	4	4.35	0.45	0.10	0.78			
	L-Shape (Front Side)	4	4.13	0.45	0.10	0.74			
	Grid A-A,B-B,C-C&D-D	16	3.90	0.45	0.10	2.81			
	Grid E-E	4	7.80	0.45	0.10	1.40			
	Sill Band	2	36.00	0.45	0.08	2.43			
	Stitching	2	28.80	0.45	0.08	1.94			
						Total	17.83	Sqm	435.20 7761.53
8	Flooring Work								
8.1	Stone soling								
	Column	12	0.90	0.90	0.15	1.46			
	Wall								
	Grid 1-1 & 2-2	2	21.45	0.90	0.15	5.79			
	Grid 3-3	1	4.35	0.60	0.15	0.39			
	L-Shape (Front Side)	1	4.13	0.90	0.15	0.56			
	Grid A-A,B-B,C-C&D-D	4	3.90	0.90	0.15	2.11			
	Grid E-E	1	7.80	0.90	0.15	1.05			

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	Verandah												
	Grid- 4-4	1	15.90	0.45	0.15	1.07							
	Grid B'B'	1	1.20	0.45	0.15	0.08							
	Steps					0.00							
	1st step	1	5.10	0.30	0.15	0.23							
	Room	5	4.80	3.90	0.15	14.04							
	Verandah	1	20.10	1.20	0.15	3.62							
						Total	30.40	Cum	1815.00	55174.7295			
8.2	P:C:C Work(1:2:4)												
	Room	5	4.80	3.90	0.08	7.02							
	Verandah	1	20.10	1.20	0.08	1.81							
	In Gable wall	8	4.95	0.30	0.08	0.89							
						Total	9.72	Sqm	8776.50	85307.58			
9	Plastering Work												
9.1	20mm thk. (1:6) c/s plaster on wall												
	Room	5	17.40		2.65	230.55							
						Sub Total	230.55	Sqm					
	Deduction :-												
	Door	5	0.9		2.10	-9.45							
	Window	20	0.90		1.35	-24.30							
						Sub Total	-33.75	Sqm					
						Total	196.80	Sqm	250.16	49231.49			
10	Pointing Works												
10.1	Pointing works (1:3) c/s on wall												
	Grid 1-1	2	55.95		3.00	335.70							
						$2\frac{1}{2} \times 4.2 \times 1.5$	6.30						
						Sub Total	342.00	Sqm					
	Deduction :-												
	Door	5	0.9		2.10	-9.45							
	Window	20	0.9		1.35	-24.30							
						Sub Total	-33.75	Sqm					
						Total	308.25	Sqm	165.97	51160.25			
11	Painting Works												
11.1	Two coats Enamel paint over one coat primer												
	Door	5	0.90		2.10	9.45							
	Window	20	0.90		1.35	24.30							
						Total	33.75	Sqm					
	Area to be painted					$2.25 \times \text{Opening}$	75.94	Sqm	185.76	14106.15			
11.2	Two coats Aluminium paint over one coat primer in window rod	120	0.65	0.0038		0.29	Sqm	179.57	52.78				
12	Roofing Work												
12.1	26 guage CGI sheet for roofing												
	Through Length	2	16.80	4.95		166.32							
	Through L Shape	2	5.70	4.95		56.43							

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