

Estimate for the Construction of Raw Materials Bank(RMB) for SWADHIN TRUST and Gram panchye at Tatarpur, Muluk, Bolpur, Mouza- Gobindapur, Dist.- Birbhum.WE

PRICED SCHEDULE BASED ON "SCHEDULE OF RATES-2017" (FOR BUILDING MATERIALS & LABOUR ETC. WORKS) P.W.D. Govt. of West Bengal, Birbhum, Date - 18/11/2017

Sr. No.	Item Description	No.	Length (m.)	Widht/ Breadth (m.)	Height/ Depth (m.)	Quantity	Rate
1	Earthwork in Excavation in Foundation: 1.5x1.5x1.5=3.375	9	1.50	1.50	1.50	30.38 cu.m.	
	Earthwork in Excavation for Tie beam:	1	58.50	0.30	0.30	5.27 cu.m.	
						35.64	
2	1) P. C.C. for Foundation 1.5x1.5x0.1=0.225	9	1.50	1.50	0.10	2.03 cu.m.	
	2) 3" thick P.C.C for floor	1	12.00	7.50	0.08	6.75 cu.m.	
3	R.C.C. (1:2:4) **Foundation: 1st Step: Footing without slope L= 1.5m, B= 1.5m, H=0.4m Volume= 4x4x1=16	9	1.50	1.50	0.40	8.10 cu.m.	
	2nd Step: Footing with slope $h/3\{A1+A2+V(A1+A2)\}$ A1=1.5x1.5=2.25 sq.m. A2=0.3x0.3=0.09 sq.m. h=0.3m	9	0.3/3{2.25+0.09+V(2.25x0.09)}			0.21 cu.m.	
	3rd Step:(below Tie beam) L=0.509m, B=0.3m, H=0.25m Volume=0.509x0.25x0.25=0.0318125	9	0.51	0.30	0.25	0.34 cu.m.	
					TOTAL	8.65 cu.m.	
	**Tie Beam	1	58.50	0.25	0.45	6.58 cu.m.	
	**Piller(below roof beam)	9	0.30	0.40	2.74	2.96 cu.m.	
	**Lintel with sunshade						
	2) of 5'x4' windows	8	2.00	0.25	0.15	0.60 cu.m.	
	Sunshade	6	2.00	0.46	0.10	0.55 cu.m.	
	**Lintel						
1) of 4'x6.5' Door	1	1.75	0.25	0.15	0.07 cu.m.		
**Beam	1	58.50	0.25	0.45	6.58 cu.m.		

	**Slab	1	12.00	7.50	0.15	13.50 cu.m.	
	**Staircase	1	Total Volume			2.32	
			Total			41.81 cu.m	
4	Brickworks 1) 1st Class Brickwork Substructure {167.33-(12x.83)}x0.83x2	1	58.50	0.25	0.45	6.58 cu.m.	
	2)a) 1st Class Brickwork Superstructure (main walls) <u>Deduction:</u> <u>WINDOW</u> W1	1	27.00	0.25	2.75	18.56 cu.m.	
		6	1.50	0.25	1.20	2.70 cu.m.	
			Deducted quantity			2.70 cu.m.	
			Neet quantity			15.86 cu.m.	
	b) 1st Class Brickwork Superstructure (partitation) <u>Deduction:</u> Door D1 w1	1	17.00		2.74	46.63 sq.m.	
		4	1.20		2.1	10.08 sq.m.	
		2	1.50		1.2	3.60 sq.m.	
			Deducted Quantity			13.68 sq.m.	
			Neet Quantity			32.95 sq.m.	
5	Sandfilling in Plinth:	1	12.00	7.50	0.45	40.50 cu.m.	
6	B.F.S	B.F.S = Floor Area =				90.00 sq.m.	
7	Plaster 1) Ceiling 6mm thick (1:3) 2) Inner Walls 4) Outer Walls	1	Silling Area = 90 sq.m.			90 sq.m.	
		1	49		3	147	
		1	23		3.7	85.1 sq.m.	
			Total			322.1 sq.m.	
8	Dado	1	32.6		1	32.6 sq.m.	
9	A.S.F	1	12	7.5		90 sq.m.	
10	White wash i) Inner ii)ceiling ii) Outer	1	Inner Plaster Area			147 sq.m.	
		1				90 sq.m.	
		1	Outer Plaster Area			85.1 sq.m.	
11	Paint	1	Total Plastered Area			322.1 sq.m.	
12	Wood Work i) Frame D W1 i) Leaf and Panal ii) Leaf and Panal	4	5.4	0.075	0.075	0.1215 cu.m.	
		8	4.9	0.075	0.075	0.2205 cu.m.	
		4	2.1	1.2	0.025	0.252 cu.m.	
		8	1.5	1.2	0.025	0.36 cu.m.	
			Total			0.954 cu.m.	
13	Reinforcement	1	1.25% of Total R.C.C Volume			4.1029 MT	
Total							
Plumbing 10% of total amount							
Electrical 5% of total amount							

	Total
	Congistancy charge 3%
	Grand Total

