

DETAIL ESTIMATE FOR CONSTRUCTION OF BADMINTON HALL AT ARMY PUBLIC SCHOOL SAMBA.

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	COLUMNS FOOTINGS								
	1ST STEP	14	6	5.50	1.50	635.25	17.99		
	PEDESTAL	14	2.25	2.25	2.16	153.09	4.34		
						TOTAL	22.33	Cum	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level								
	QTY VIDE ITEM NO:4 @ 90 KG PER CUM	X	X	X	X	X	2009.36	KG	
6	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete, Hot finished welded type tubes .								
		NO'S			LENGTH	TOTAL LENGTH		WT.PER METRE	TOTAL WEIGHT
	BED PLATES 8mm THICK	14	0.54	0.54	4.08	SQM		62.80	256.37
	50MM DIA VERTICAL PIPES	14	X	3	6.60		277.20	3.48	964.66
	50MM DIA PURLINS @ 4'-6" C/C	2	X	7	6.60		92.40	3.48	321.55
	25MM DIA COLUMN BRACINGS	14	X	22	2.00		616.00	1.30	800.80
	25MM DIA TRUSS STRUDS								
	VERTICAL MEMBERS	7	X	1	1.65		11.55	1.30	15.02
		7	X	2	1.40		19.60	1.30	25.48
		7	X	2	1.15		16.10	1.30	20.93
		7	X	2	0.94		13.16	1.30	17.11
		7	X	2	0.71		9.94	1.30	12.92
		7	X	2	0.45		6.30	1.30	8.19
		7	X	2	0.23		3.22	1.30	4.19
	65MM DIA SLANTING PIPES	7	X	2	9.25		129.50	4.60	595.70
	65MM DIA TIE BEAMS	7	X	1	18.75		131.25	4.60	603.75
								KG	3646.66
								RS	
7	Centering and shuttering including strutting, propping etc. and removal of form work for								



a	(a) Foundation, footings, bases of columns etc. for mass concrete.								
	Foundation footings	2	246.00	x	3.00	1476.00	137.17	SQM	
8	Brick work with F.P.S bricks of class designation 75 in 1:6 (cement: sand) mortar. WALLS	1	211.50	0.75	6.00	951.75	26.95	CUM	
9	Extra for brick work in superstructure above plinth level (by manual mean).								
		1	x	x	x	x	26.95	Cum	
	Qty. vide item no:-6								
10	15mm Cement plaster on the rough side of single or half brick wall of mix: 1: 6 (1 cement: 6 fine sand).								
	BOTH SIDES	2	211.50	X	6.00	2538.00	235.87	Sqm	
11	White washing with lime to give an even shade on New Work (three or more coats).								
		x	x	X	x	x	235.87	Sqm	
12	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m2.								
	ROOF	2	18.75	X	9.30	348.75	32.41		
	ABOVE WALLS	1	211.50	X	15.50	3278.25	304.67	Sqm	
13	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc.  complete.50 mm thick with 20mm nominal size stone aggregate.								

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