	DETAIL ESTIMATE FOR CONSTRUCTION OF B	ADM	INTON H	ALL AT	ARMY F	UBLIC SC	HOOL SAM	BA.		
s.no	DESCRIPTION OF ITEMS	NO's	LENGTH (Feet)	WIDTH (Feet)	HEIGHT (Feet)	QUANTITY (Cft/Sft)	QUANTITY (Cum/Sqm)	UNIT	RATE(Rs)	AMOUNT(Rs
1										
	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts,wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:All kinds of soil:									
	FOOTINGS	14	6.00	6.00	4.17	2101.68	59.52			
	BRICK WALL EXCAVATION	1	159.00	2.50	1.50	596.25	16.89			
	The state of the s		137.00	2.50	1.50	TOTAL	76.41	Cum	10000	
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and . shuttering. All works up to plinth level in 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate									
	40 mm nominal size)									
	WALLS AND COLUMNS	14	6.00	6.00	0.50	252.00	7.14			
	BRICK WALL EXCAVATION	1	159.00	2.50	0.50	198.75	5.63			
	UNDER FLOOR	1	60.75	60.75	0.50	1845.28	52.26			
						TOTAL	65.02	Cum		and to be suited
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and									
	shuttering.All works upto plinth level in M-10(1:3:6) grade, with 20mm nominal size of CRUSHED stone aggregates.									
	WALLS PORTION									
	1ST STEP	1	211.50	1.88	0.50	198.28	5.62			
	2nd STEP	1	211.50	1.50	0.50	158.63	4.49			
400	3rd STEP	1	211.50	1.13	0.50	118.97	3.37			
	Providing and laying in position specified grade of reinforced cement concrete including					TOTAL	13.48	Cum	A TO A STATE OF	
4	curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level ,1:14:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal				1000					
	size)			7373	7. 119					

T	COLUMNS FOOTINGS									
_	1ST STEP	14	6	5.50	1.50	635.25	17.99			
	PEDESTRAL	14	2.25	2.25	2.16	153.09 TOTAL	4.34 22.33	Cum		
		_		-	-	TOTAL	22,33	Cum		
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in									
	position and binding all complete upto plinth level						2000.00	110		
Q	TY VIDE ITEM NO:4 @ 90 KG PER CUM	X	X	X	X	X	2009.36	KG	-	
		-			-					
-		-								
+	Steel work in built up tubular (round, square or rectangular hollow tubes									
	etc.) trusses etc., including cutting, hoisting, fixing in position and			100						
	applying a priming coat of approved steel primer, including welding and				1					
	bolted with special shaped washers etc. complete, Hot finished welded type tubes .									
			NO'S		LENGTH	тоти	L LENGTH	WT.PER. METRE	TOTAL WEIGHT	
								METRE	WEIGHT	
								62.80	256.37	
	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	2	277.20	3.48	964.66	
-	50MM DIA PURLINS @ 4'-6" C/C	2	Х	7	6.60		92.40	3.48	321.55	
-	25MM DIA COLUMN BRACINGS	14	X	22	2.00		16.00	1.30	800.80	
-	25MM DIA TRUSS STRUDS									
-	VERTICAL MEMBERS	7	X	1	1.65		11.55	1.30	15.02	
-	TENTION	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	1	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	
		7	X	2	9.25		129.50	4.60	595.70	
	65MM DIA SLANTING PIPES	7	X	1	18.75		31.25	4.60	603.75	
	65MM DIA TIE BEAMS	1		+ -	10.73		3-3-1-	KG	3646.66	
		+-						RS	The state of	1. 15/19/500
				-	-					
7 0	entering and shuttering including strutting, propping etc. and removal of form work for	1		1000	100000	EST BOLL				

a	(a) Foundation, footings, bases of columns etc. for mass concrete.									
	foundation footings	2	246.00	x	3.00	1476.00	137.17	SQM		- 18
0	Brick work with F.P.S bricks of class designation 75 in 1:6 (cement: sand) mortar.									
8	WALLS	1	211.50	0.75	6.00	951.75	26.95	CUM		32.
9	Extra for brick work in superstructure above plinth level (by manual mean).	1	x	×	x	x	26.95	Cum		
	Qty. vide item no:-6	1	X	^						
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	х	6.00	2538.00	235.87	Sqm	1-20	N
11	White washing with lime to give an even shade on New Work (three or									
	more coats).	х	х	Х	х	х	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	Х	15.50	3278.25	304.67	Sqm	- 100	W.V.
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		363							
	slurry and curing complete, but excluding the cost of nosing of steps etc.	1412								
	complete.50 mm thick with 20mm nominal size stone aggregate.	100	301000	1	The state of the s					

		1	60.75	X	60.75	3690.56	342.99	Sqm	18.0	
4	Carriage of material by MT									
1	SAND - 40KM						66.24	CUM	Phone !	150
В	BAJRI - 40KM						110.89	CUM	100000	(british)
С	BRICKS-40 KM						12803.21	PER 1000		
	ACCOMING TO THE PARTY OF THE PA								TOTAL	