Estimation

Name of Project/School: Prabhat Kiran Secondary School

Estimation for Two Toilet Blocks (Boys' Toilet Block and Girls' Toilet Block). Each block has 6 columns and respective footings connected with foundation tie beams and plinth tie beams.

SN	Description of work	Unit	Estimation			Remarks
			Quantity	Rate	Amount	
1	**EARTH WORKS**					
1.1	**SITE CLEARANCE & MOBILAZATION**	Sqm	179.52	111.00	19,926.19	
1.2	**EARTHWORK IN EXCAVATION**	Cum	93.50	995.00	93,034.06	
1.3	**EARTH BACK FILLING**	Cum	56.10	625.00	35,063.09	
1.4	**STONE SOLING**	Cum	18.49	4,226.00	78,138.03	
2	**CONCRETE WORKS**				-	
2.1	**P.C.C. (1:3:6) Works**	Cum	3.62	19,568.00	70,746.98	
2.2	**P.C.C. (1:2:4) Works**	Cum	4.58	21,661.00	99,275.18	
2.3	**R.C.C. WORKS (M20)**	Cum	34.23	26,235.00	897,964.81	
2.4	**STEEL REINFORCEMENT**	Kg	5202.62	113.00	587,895.70	
2.5	**FORM WORKS**	Sqm	245.62	1,096.00	269,197.11	
3	**MASONRY WORK**					
3.1	**BRICK MASONRY WORKS (1:6 c/s)**	Cum	50.35	26,248.00	1,321,569.41	
3.2	**STONE MASONRY WORK (1:6 C/S)**	Cum	0.00	15,602.00	-	
4	**DOORS & WINDOWS WORKS**				-	
4.1	**Doors**	Sqm	16.17	15,000.00	242,550.00	
4.2	**Windows**	Sqm	6.12	15,000.00	91,800.00	
5	**FLOORING WORKS**				-	
5.1	**38mm thick IPS Flooring F1**	Sqm	63.53	1,095.00	69,567.98	
5.2	**50mm thick IPS Flooring F2**	Sqm	78.15	1,341.00	104,792.71	
5.3	**Non Glazed Tile Finish F3**	Sqm	0.00	4,678.00	-	
6	**PLASTER WORKS**				-	
6.1	**Internal Plaster (1:4 c/s)**	Sqm	262.91	584.00	153,541.89	
6.2	**External Plaster (1:4 c/s)**	Sqm	197.77	584.00	115,496.80	
6.3	**Water Drip**	Rm	0.00		-	
7	**PAINTING WORKS**				-	
7.1	**WASHABLE DISTEMPER PAINT**	Sqm	262.91	200.00	52,582.84	
7.2	**EXTERIOR WEATHER COAT PAINT**	Sqm	197.77	300.00	59,330.55	
8	**SANITARY WORKS**				-	
8.1	Orissa Pan- syphon type	Sets	5.00	3,500.00	17,500.00	
8.2	1/2" Φ long body CP bib tap	Pc	16.00	2,000.00	32,000.00	
8.3	20 mm Φ PPR pipe	Rm	80.00	700.00	56,000.00	
8.4	1/2" Φ Ball Valve - (PPR)	Pc	4.00	1,000.00	4,000.00	
8.5	110 mm Φ UPVC pipe (4 kg/cm2) /HDPE	Rm	60.00	1,200.00	72,000.00	
8.6	20mm dia. HDPE (NS mark : 10 kg/ sq. cm pressure rating)	Rm	300.00	60.00	18,000.00	
8.7	Commode (one piece)	Sets	2.00	20,000.00	40,000.00	
8.8	UPVC water tank (Hilltake made) having capacity of 1000 ltrs including 1.2m X 1.2 mX 2 m(LBH) MS stand	Sets	2.00	28,000.00	56,000.00	
8.9	multi-floor trap with 110 mm dia stainless steel grating	Sets	9.00	90.00	810.00	
8.10	Ceramic hand wash basin	Sets	8.00	2,000.00	16,000.00	
8.11	Mirror (16" x 20")	Sets	6.00	735.00	4,410.00	
9	**Miscellaneous Works**				-	
9.1	ISNB 135 mm dia MS Pipe	Rm	2.50	2,000.00	5,000.00	
9.2	Ramp Railing	Rm	13.42	5,000.00	67,100.00	
10	**ELECTRICAL WORKS**	Lot	2.00	50,000.00	100,000.00	
		Total			**4,851,293.33**	
		VAT at 13%			630,668.13	
		Grand Total			**5,481,961.47**	