

ADITYA CONSULTING ENGINEERS

NEAR HINDI NIKETAN, GADE VARI STREET

POWER PET, ELURU – 2.

CELL :- 94403 36290, 96422 78290

DETAILED CUM ABSTRACT ESTIMATE

NAME OF THE WORK : Estimate for the Proposed Construction of RCC Roofed TOILET BLOCK
FOR GIRLS in the Premises of SRI RAVI TEJA EDUCATIONAL & INFECTED
CHILDREN WELFARE SOCIETY, Door No : 11-121/1, Ponangi Road, Eluru.

Sl.No.	Description	No's	L	B	D	Qty.	Rate Per	Amount
1	Augur drilling for 0.30m dia. DUR piles to a depth of 3.66m and 0.23m dia.SUR piles to a depth of 2.40m. a) 0.30m dia. DUR piles to a depth of 3.66m,	6	--	--	--	6 Nos	<u>800</u> Each	4800
2	RCC(1:2:4)mix using 20mm HBG metal including cost & conveyance of all materials & labour charges and including cost of steel and its fabrication charges etc., Complete. <u>A) PILE FOUNDATION :-</u> 0.30m dia. DUR pile foundation :- 6 X 3.14 X 0.30 X 0.30 X 0.25 X 3.66 underreamings, 6 X 2 X 3.14 X (0.75 X 0.75 - 0.30 X 0.30) X 0.25 X 0.15					1.55 0.67 2.22 Cum	<u>11513</u> CUM	25548.69
	<u>B) PLINTH BEAM :-</u>	2 5	4.76 1.45	0.23 0.23	0.23 0.23	0.50 0.38 0.89 Cum	<u>14649.98</u> CUM	12991.83
	<u>C) COLUMNS :-</u>	6	0.23	0.23	3.05	0.97 0.97 Cum	<u>14140</u> CUM	13679.53
	<u>D) ROOF BEAMS :-</u>	2 3	4.76 1.45	0.23 0.23	0.3 0.3	0.66 0.30 0.96 Cum	<u>14020</u> CUM	13416.01
	<u>E) ROOF SLAB :-</u> L = 5.45m, B = 1.91m	1	5.45	1.91	0.1	1.04 1.04 Cum	<u>13257</u> CUM	13759.46

3 Brickmasonry in Cement mortar CM(1:6) using best second class country bricks including cost and conveyance of all materials and labour charges etc., complete.
Basement :- Qty. from Plinth beam :- 0.89 / 0.23 X 0.37

1.43	<u>5443.25</u>	7765.43
Cum	CUM	

SuperStructure :-

	2	4.76	0.12	2.13	2.44		
	5	1.45	0.12	2.13	1.85		
Deduct :-Doors,	4	0.76	0.12	2	0.73		
Ventelors,	4	0.61	0.12	0.45	0.13		
					3.43	<u>5443.25</u>	18664.51
					Cum	CUM	

4 Filling sand in Basement including cost, conveyance and labour charges etc., Complete.

For Building :-

((1.68 X 5.22) X 0.6

17.23	<u>800</u>	13780.01
Cum	CUM	

5 Supplying and fixing of best Teak wood Doors of fully Panelled type and windows of fully glazed type with M.S.Safety grills including cost, conveyance and labour charges etc., complete.

A) DOORS,

<u>Country wood,</u>	4	0.76	--	2	6.10		
					6.10	<u>4620.1</u>	28164.13
					Sqm	SQM	

B) WINDOWS & Ventilators,

<u>Country wood,</u>	4	0.61	--	0.45	1.09728		
					1.10	<u>4620.1</u>	5069.54
					Sqm	SQM	

6 Plastering in cement mortar CM(1:3)20mm thick including cost and conveyance of all materials and labour charges etc., complete.

Toilet,	4	2.90	--	2.44	28.24		
Building outside = (2 X(1.91+5.45))					35.88		
Deduct :- Joinery qty. ((6.10+1.10)					7.19		
					56.93	<u>157.45</u>	8964.16
					Sqm	SQM	

7 Supplying and laying of Ceramic Tiles as flooring over CM bed including cost, conveyance and labour charges etc., complete.

Toilet,	4	1.68	1.22	--	8.18		
Add 20% extra for skirting and wastage,					1.64		
					9.81	<u>350</u>	3433.70
					Sqm	SQM	

8 Ceiling plastering in Cement mortar CM(1:3)12mm thick including cost and conveyance of all materials and labour charges etc., complete.						
Toilet,	4	1.68	--	1.22	8.18	
Beams sides	1	1.68	--	0.30	0.50	
				8.68	<u>157.45</u>	1366.41
				Sqm	SQM	
9 Supplying and fixing of Glazed tiles as dadoo in Toilets including cost, conveyance, and labour charges etc., complete.						
Toilet,	4	5.03	--	1.5	30.1752	
					30.1752	<u>538</u>
				Sqm	SQM	16234.26
10 Whitewashing to newly plastered surfaces 2coats over a primary coat including cost, conveyance and labour charges etc., complete.						
Ceiling plastering Quantity,					8.68	
Plastering Quantity,					56.93	
					65.61	<u>60</u>
				Sqm	SQM	3936.70
11 Painting, Priming Coat on new wood work including cost, conveyance and labour charges etc., complete.						
	2.14 (7.19)				15.39	<u>49.24</u>
					Sqm	SQM
						757.98
						<u>192332</u>
13 Provision for Electrification.					7.50%	14425
14 Provision for Water supply and Sanitary Arrangements					7.50%	14425
15 Provision for Miscellaneous and unforeseen items.					L.S	8818

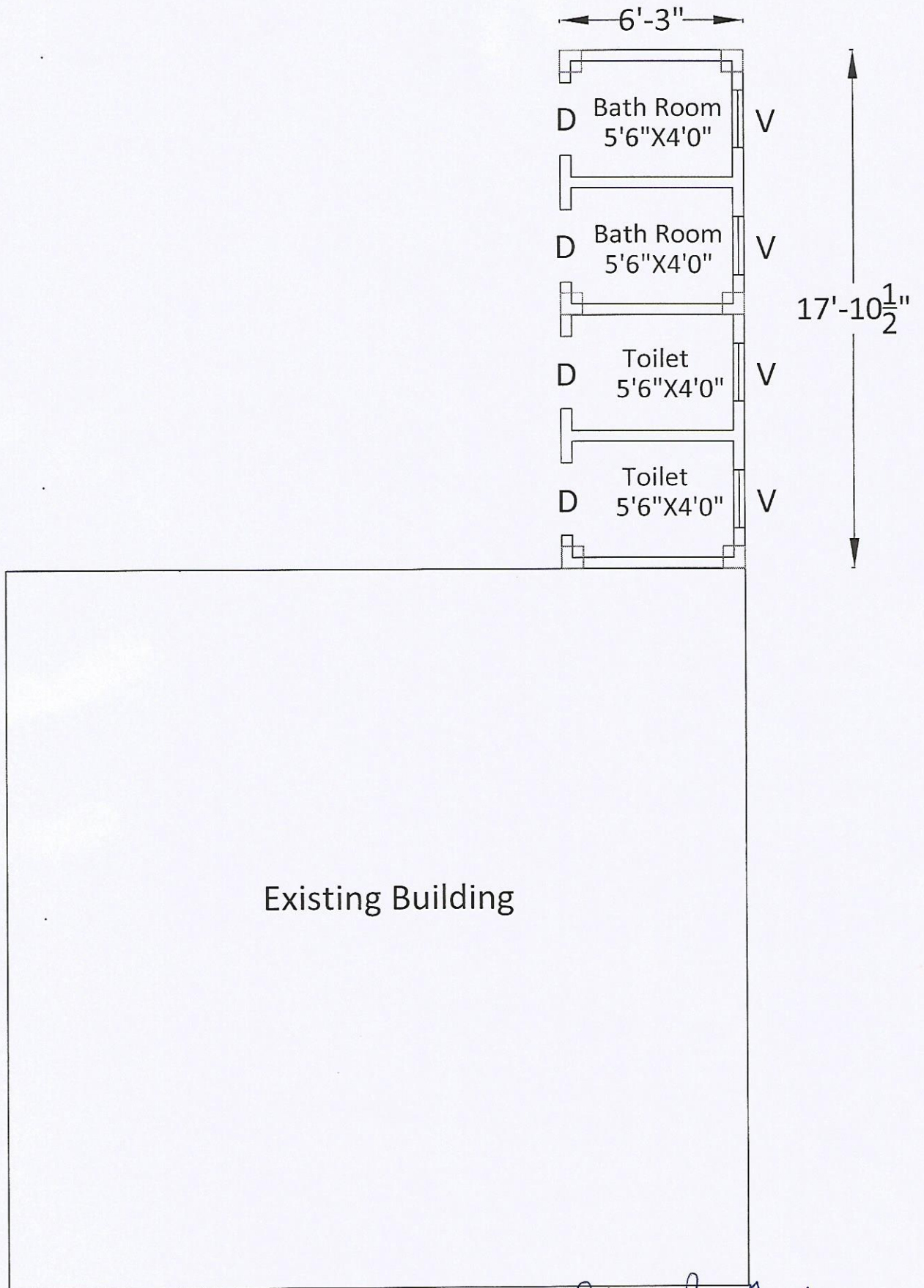
TOTAL :- RS: 2,30,000/-

(Two lakhs Thirty Thousand Only)



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Girls Toilet Block



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