

Detailed Estimate

OD/346/3301/275543/392326/00063451 : REPAIR AND MAINTENANCE BINJHAPURA GOVT PRY SCHOOL

Block : Basta, Gram Panchayat : Velora

Created By: DINESH KUMAR ADA

1. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	3.000	23.660	0.830	2.000	0.000	117.827	-
ii	S/W	2.000	24.160	0.830	2.000	0.000	80.211	-
iii	Column	9.000	0.830	0.830	2.000	0.000	-	12.400
Total Quantity					185.6378 Cft (Cubic Foot)		5.25666845504 Cum (Cubic Meter)	
Amount					5.25666845504 X 5446.930366832		28632.71	
2. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Lintel	2.000	23.660	0.830	0.500	0.000	19.638	-
ii		1.000	23.660	0.830	0.830	0.000	16.299	-
iii		2.000	16.330	0.830	0.500	0.000	13.554	-
iv		2.000	7.830	0.830	0.500	0.000	6.499	-
v	F.Chajja	1.000	23.660	1.500	0.250	0.000	8.873	-

vi	W. Chajja	2.000	4.500	1.500	0.250	0.000	3.375	-
vii	Column	9.000	0.830	0.830	2.000	0.000	12.400	-
viii	Wall Beam	3.000	23.660	0.830	0.500	0.000	29.457	-
ix		2.000	24.160	0.830	0.500	0.000	20.053	-
x	Hang Beam	1.000	16.330	0.830	1.000	0.000	13.554	-
xi	Roof Slab	1.000	24.660	27.660	0.330	0.000	225.092	-
Total Quantity					368.792622 Cft (Cubic Foot)		10.44302691865 Cum (Cubic Meter)	
Amount					10.44302691865 X 6805.0045607598		71064.85	

3. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Lintel	1.580	0.000	0.000	0.000	1.000	1.580	-
ii	Chajjas	0.350	0.000	0.000	0.000	1.000	0.350	-
iii	Column	0.350	0.000	0.000	0.000	1.000	0.350	-
iv	Roof Beam	1.780	0.000	0.000	0.000	1.000	1.780	-
v	Roof Slab	6.370	0.000	0.000	0.000	1.000	6.370	-
Total Quantity					10.43 Qntl (Quintal)		10.43 Qntl (Quintal)	
Amount					10.43 X 8941.219526		93256.92	

4. R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Lintel	2.000	2.000	23.660	0.500	0.000	47.320	-
ii		1.000	1.000	23.660	2.500	0.000	59.150	-
iii		2.000	2.000	16.330	0.500	0.000	32.660	-
iv		2.000	1.000	7.830	1.830	0.000	28.658	-
v	D Opening	2.000	1.000	3.500	0.830	0.000	5.810	-
vi	W Opening	2.000	1.000	4.000	0.830	0.000	6.640	-
Total Quantity					180.2378 Sft (Square Foot)		16.7446323334 Sqm (Square Meter)	
Amount					16.7446323334 X 499.15267251462		8358.13	

5. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	9.000	4.000	0.830	2.000	0.000	59.760	-
ii	Wall Beam	3.000	2.000	23.660	0.500	0.000	70.980	-
iii		2.000	2.000	24.160	0.500	0.000	48.320	-
iv	Hang Beam	1.000	1.000	16.330	2.830	0.000	46.214	-
Total Quantity					225.2739 Sft (Square Foot)		20.9286211317 Sqm (Square Meter)	
Amount					20.9286211317 X 1047.3822930467		21920.27	

6. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class Room	1.000	22.000	16.330	0.000	0.000	359.260	-
ii	Verandah	1.000	22.000	7.830	0.000	0.000	172.260	-
iii	Curnice	1.000	104.660	0.830	0.000	0.000	86.868	-
Total Quantity					618.3878 Sft (Square Foot)		57.4500817834 Sqm (Square Meter)	
Amount					57.4500817834 X 662.689943368		38071.59	

7. Iron Work (AR1704) : Iron Doors and windows fixing

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	D	2.000	0.000	3.500	7.000	2.500	122.500	-
ii	W	2.000	0.000	4.000	4.500	2.500	90.000	-
Total Quantity					212.5 Kg (Kilo Gram)		2.125 Qntl (Quintal)	
Amount					2.125 X 16245.277147087		34521.21	
Total Amount							295825.67	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							1174.32	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4174.32	

Grand Net Total Amount	299999.99
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DINESH KUMAR ADA
JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

Mihir Ranjan Behera
BDO
Basta Block