

Detailed Estimate

OD/358/3419/118814/422708/00069328 : CONSTRUCTION OF AEE CHAMBER IN BLOCK BUILDING M.RAMPUR
Block : Madanpur Rampur, Gram Panchayat : M.Rampur
Created By:JE NAYAN

1. R.C.C. Work (AR0404Ac) : First Floor								
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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	2.000	0.230	0.230	3.100	0.000	0.328	-
ii	Roof Beam	1.000	3.800	0.250	0.250	0.000	0.238	-
iii	Roof Beam	2.000	3.270	0.250	0.250	0.000	0.409	-
Total Quantity					0.97423 cum (cum)		0.97423 Cum (Cubic Meter)	
Amount					0.97423 X 16080.648950773		15666.25	
2. R.C.C. Work (AR0404Ad) : First Floor								
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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Total C/c length of wall	1.000	105.075	0.250	0.150	0.000	3.940	-
ii	Window Sill Bend	2.000	10.130	0.250	0.080	0.000	0.405	-
iii	Window Sill Bend	2.000	4.870	0.250	0.080	0.000	0.195	-
iv	Window Sill Bend	1.000	5.800	0.250	0.080	0.000	0.116	-

v	Window Sill Bend	1.000	4.560	0.250	0.080	0.000	0.091	-
Total Quantity					4.7475125 cum (cum)		4.7475125 Cum (Cubic Meter)	
Amount					4.7475125 X 14410.885960226		68415.86	
3. R.C.C. Work (AR0404Ae) : First Floor								
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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	3rd and 4th Flight	2.000	3.200	1.250	0.125	0.000	1.000	-
ii	STep	23.000	1.250	0.300	0.150	0.500	0.647	-
Total Quantity					1.646875 cum (cum)		1.646875 Cum (Cubic Meter)	
Amount					1.646875 X 15942.563818318		26255.41	
4. R.C.C. Work (AR0404Af) : First Floor								
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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Window	13.000	1.350	0.200	0.150	2.000	1.053	-
Total Quantity					1.053 Sqm (Sqm)		1.053 Sqm (Square Meter)	
Amount					1.053 X 8249.2891571352		8686.50	
5. R.C.C. Work (AR0404Ag) : First Floor								

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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Landing	1.000	2.450	1.150	0.150	0.000	0.423	-
ii	Portico	1.000	3.500	4.100	0.125	0.000	1.794	-
Total Quantity					2.216375 cum (cum)		2.216375 Cum (Cubic Meter)	
Amount					2.216375 X 13976.006171257		30976.07	

6. R.C.C. Work (AR0409) : First floor

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	1.000	0.970	1.500	0.000	0.000	1.455	-
ii	Lintel	1.000	4.740	1.150	0.000	0.000	5.451	-
iii	Staircase	1.000	1.000	1.300	0.000	0.000	1.300	-
iv	Chajja	1.000	6.760	0.070	0.000	0.000	0.473	-
v	Slab	1.000	2.210	0.860	0.000	0.000	1.901	-
Total Quantity					10.5798 Qntl (Quintal)		10.5798 Qntl (Quintal)	
Amount					10.5798 X 8713.5210658		92187.31	

7. Masonry Brick Work (AR0603ci) : First floor

Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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
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i	Total C/c length of wall	1.000	79.000	0.230	3.150	0.000	57.236	-	
ii	Door	5.000	1.050	0.230	2.100	0.000	-	2.536	
iii	Door	4.000	0.750	0.230	2.100	0.000	-	1.449	
iv	Window	13.000	1.050	0.230	1.350	0.000	-	4.238	
v	wall	2.000	1.520	0.125	3.150	0.000	-	1.197	
Total Quantity					47.815425 cum (cum)		47.815425 Cum (Cubic Meter)		
Amount					47.815425 X 5243.415311888		250716.13		
Total Amount							492903.54		
Addition									
Provision for PH Work (+) @									
Provision for EI Work (+) @									
Provision for Contingency (+) @							5000.00		
Display Citizen Board (+) @							2096.46		
Any Other Lumpsum (+) @									
Provision for survey investigation and quality control (+) @									
Total Addition							7096.46		
Grand Net Total Amount							500000.00		

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Madanpur Rampur Block

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BDO
Madanpur Rampur Block