

Detailed Estimate

OD/356/3402/118475/401234/00070166 : Repair and maintenance of Maheswarpur Govt. U.P.
Block : Rasulpur, Gram Panchayat : Maheswarpur
Created By:RABINARAYAN SWAIN

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.050	1.050	1.100	0.000	7.277	-
ii	Wall	1.000	16.400	0.600	0.600	0.000	5.904	-
iii	Column	6.000	1.050	0.600	0.600	0.000	-	2.268
Total Quantity					10.9125 cum (cum)		10.9125 Cum (Cubic Meter)	
Amount					10.9125 X 240.77592		2627.47	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.050	1.050	0.150	0.000	0.992	-
ii	Wall	1.000	16.400	0.600	0.150	0.000	1.476	-
iii	Column	6.000	1.050	0.600	0.150	0.000	0.567	-
Total Quantity					3.03525 cum (cum)		3.03525 Cum (Cubic Meter)	
Amount					3.03525 X 586.207232		1779.29	
3. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	Wall	1.000	16.450	0.350	0.750	0.000	4.318	-
ii	Column	6.000	0.370	0.350	0.750	0.000	-	0.583
Total Quantity							3.735375 cum (cum)	3.735375 Cum (Cubic Meter)
Amount							3.735375 X 4863.649130688	18167.55

4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.050	1.050	0.150	0.000	0.992	-
ii	Wall	1.000	16.400	0.600	0.150	0.000	1.476	-
iii	Column	6.000	1.050	0.600	0.150	0.000	-	0.567
Total Quantity							1.90125 cum (cum)	1.90125 Cum (Cubic Meter)
Amount							1.90125 X 5827.79778416	11080.10

5. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

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
i	Wall	1.000	16.400	0.230	1.500	0.000	5.658	-
ii	Column	6.000	0.230	0.230	1.500	0.000	-	0.476
Total Quantity							5.1819 cum (cum)	5.1819 Cum (Cubic Meter)
Amount							5.1819 X 4896.979130688	25375.66

6. R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column base	6.000	0.900	0.900	0.150	0.000	0.729	-
ii	Pedestral	6.000	0.600	0.600	0.300	0.000	0.648	-
Total Quantity					1.377 cum (cum)		1.377 Cum (Cubic Meter)	
Amount					1.377 X 6384.5040133897		8791.46	

7. R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column upto pl	6.000	0.370	0.370	0.750	0.000	0.616	-
ii	Column	6.000	0.230	0.230	1.500	0.000	0.476	-
Total Quantity					1.09215 cum (cum)		1.09215 Cum (Cubic Meter)	
Amount					1.09215 X 14440.25740071		15770.93	

8. R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth beam	1.000	16.400	0.250	0.250	0.000	1.025	-
Total Quantity					1.025 cum (cum)		1.025 Cum (Cubic Meter)	
Amount					1.025 X 7141.3261385314		7319.86	

9. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	MS rod	1.000	3.000	0.000	0.000	0.000	3.000	-
Total Quantity					3 Qntl (Quintal)		3 Qntl (Quintal)	
Amount					3 X 8664.3509631		25993.05	

10. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	16.400	0.000	2.100	0.000	68.880	-
ii	Wall top	1.000	16.400	0.230	0.000	0.000	3.772	-
Total Quantity					72.652 Sqm (Sqm)		72.652 Sqm (Square Meter)	
Amount					72.652 X 241.618529872		17554.07	

11. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).

Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	16.400	0.000	2.100	0.000	68.880	-
ii		1.000	16.400	0.230	0.000	0.000	3.772	-
Total Quantity					72.652 Sqm (Sqm)		72.652 Sqm (Square Meter)	
Amount					72.652 X 162.6076363475		11813.77	

Total Amount (A) : 146273.20

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1226.7	-	1226.7
2	Display Citizen Board @ Rs.2500	-	2500
Additional Components Amount (F) : 3726.7			
Grand Total Amount (A + F) : 149999.90355001			

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Rasulpur Block

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