

Detailed Estimate

OD/360/3435/119067/396673/00014897 : Development of Maa Budhi Jagualai CC Mantripada
Block : Derabish, Gram Panchayat : Kurujanga
Created By: ABANI KUMAR MOHANTY

1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Colum	6.000	1.200	1.200	1.200	0.000	10.368	-
ii	Wall	2.000	7.100	0.600	0.500	0.000	4.260	-
iii	Wall	2.000	3.200	0.600	0.500	0.000	1.920	-
iv	Colum	6.000	1.200	1.200	0.500	0.000	-	4.320
Total Quantity					12.228 cum (cum)		12.228 Cum (Cubic Meter)	
Amount					12.228 X 179.18208		2191.04	
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	Colum	6.000	1.200	1.200	0.100	0.000	0.864	-
ii	Wall	2.000	7.100	0.600	0.100	0.000	0.852	-
iii	Wall	2.000	3.200	0.600	0.100	0.000	0.384	-
iv	Inside	1.000	6.120	3.420	0.400	0.000	8.372	-
v	Colum	6.000	0.380	0.380	0.100	0.000	-	0.087
Total Quantity					10.38552 cum (cum)		10.38552 Cum (Cubic Meter)	

Amount		10.38552 X 745.221632					7739.51	
3. 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	Colum	6.000	1.200	1.200	0.100	0.000	0.864	-
ii	Wall	1.000	7.100	0.600	0.100	0.000	0.426	-
iii	Wall	1.000	3.200	0.600	0.100	0.000	0.192	-
iv	Colum	6.000	0.380	0.380	0.100	0.000	-	0.087
Total Quantity					1.39536 cum (cum)		1.39536 Cum (Cubic Meter)	
Amount		1.39536 X 6218.60305528					8677.19	
4. 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	Colum	6.000	1.200	1.200	0.250	0.000	2.160	-
ii	Colum	6.000	0.680	0.680	0.200	0.000	0.555	-
Total Quantity					2.71488 cum (cum)		2.71488 Cum (Cubic Meter)	
Amount		2.71488 X 6889.3059001121					18703.64	
5. 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 bend	2.000	6.750	0.250	0.250	0.000	0.844	-
ii	Plinth bend	2.000	3.550	0.250	0.250	0.000	0.444	-
Total Quantity					1.2875 cum (cum)		1.2875 Cum (Cubic Meter)	
Amount					1.2875 X 7646.1280252538		9844.39	

6. 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	Colum	6.000	0.380	0.380	0.900	0.000	0.780	-
ii	Colum	6.000	0.250	0.250	1.000	0.000	0.375	-
Total Quantity					1.15476 cum (cum)		1.15476 Cum (Cubic Meter)	
Amount					1.15476 X 14945.059287432		17257.96	

7. 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/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	2.000	6.880	0.380	0.500	0.000	2.614	-
ii	Wall	2.000	3.420	0.380	0.500	0.000	1.300	-

iii	Colum	6.000	0.380	0.380	0.500	0.000	-	0.433
Total Quantity					3.4808 cum (cum)		3.4808 Cum (Cubic Meter)	
Amount					3.4808 X 4983.110518304		17345.21	
8. 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/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	2.000	6.750	0.250	1.000	0.000	3.375	-
ii	Wall	2.000	3.550	0.250	1.000	0.000	1.775	-
iii	Colum	6.000	0.250	0.250	1.000	0.000	-	0.375
iv	Door	1.000	1.000	0.250	1.000	0.000	-	0.250
Total Quantity					4.525 cum (cum)		4.525 Cum (Cubic Meter)	
Amount					4.525 X 5016.440518304		22699.39	
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	Rod	1.000	4.650	0.000	0.000	0.000	4.650	-
Total Quantity					4.65 Qntl (Quintal)		4.65 Qntl (Quintal)	
Amount					4.65 X 9098.816391		42309.50	
Total Amount							146767.83	
Addition								

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	1500.00
Display Citizen Board (+) @	1732.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	3232.00
Grand Net Total Amount	149999.83

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Derabish Block

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