

Detailed Estimate

OD/371/3565/121404/382479/00103671 : Modernization of Cultural mandap at Chaitanya Mandir at Mahulmunda
Block : Rairakhol, Gram Panchayat : Kadaligarh
Created By:Khirabdhii Tanaya Padhy

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	16.000	1.200	1.200	1.200	0.000	27.648	-
ii	L/W	4.000	11.230	0.600	0.600	0.000	16.171	-
iii	S/W	8.000	2.800	0.600	0.600	0.000	8.064	-
Total Quantity						51.8832 cum (cum)	51.8832 Cum (Cubic Meter)	
Amount						51.8832 X 240.77592	12492.23	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	16.000	1.200	1.200	0.150	0.000	3.456	-
ii	L/W	4.000	11.230	0.600	0.600	0.000	16.171	-
iii	S/W	8.000	2.800	0.600	0.600	0.000	8.064	-
iv	Inside	8.000	2.800	3.660	0.450	0.000	36.893	-
Total Quantity						64.584 cum (cum)	64.584 Cum (Cubic Meter)	
Amount						64.584 X 476.834332	30795.87	
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	Column	16.000	1.200	1.200	0.100	0.000	2.304	-
ii	L/W	4.000	11.230	0.600	0.100	0.000	2.695	-
iii	S/W	8.000	2.800	0.600	0.100	0.000	1.344	-
iv	Room	8.000	2.800	3.660	0.100	0.000	8.198	-
v		1.000	2.800	2.800	0.100	0.000	0.784	-
Total Quantity					15.3256 cum (cum)		15.3256 Cum (Cubic Meter)	
Amount					15.3256 X 5360.3786358		82151.02	

4. 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	1st footing	4.000	11.230	0.600	0.350	0.000	9.433	-
ii		8.000	2.800	0.600	0.350	0.000	4.704	-
iii	2nd footing	4.000	11.230	0.450	0.450	0.000	9.096	-
iv		8.000	2.800	0.450	0.450	0.000	4.536	-
Total Quantity					27.7695 cum (cum)		27.7695 Cum (Cubic Meter)	
Amount					27.7695 X 5008.91673904		139095.11	

5. 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	16.000	1.200	1.200	0.150	0.000	3.456	-

ii		16.000	0.140	1.000	0.300	0.000	0.672	-
iii		4.000	11.230	0.250	0.250	0.000	2.808	-
iv		8.000	2.800	0.250	0.250	0.000	1.400	-
v		16.000	0.250	0.250	0.900	0.000	0.900	-
Total Quantity					9.2355 cum (cum)		9.2355 Cum (Cubic Meter)	
Amount					9.2355 X 5952.0089523525		54969.78	

6. 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		1.000	8.340	0.000	0.000	0.000	8.340	-
Total Quantity					8.34 Qntl (Quintal)		8.34 Qntl (Quintal)	
Amount					8.34 X 8714.2334996		72676.71	

Total Amount (A) : 392180.71

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.3000	-	3000
2	Provision for Contingency @ Rs.4000	-	4000

Additional Components Amount (F) : 7000

Grand Total Amount (A + F) : 399180.71198214

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