

Detailed Estimate

OD/363/3471/119808/428956/00062732 : Construction of Boundary wall of Jhankar Devi Temple at Tota Ambaguda
Block : Koraput, Gram Panchayat : Mastiput
Created By:P Santosh Kumar Patro

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	1.000	53.000	0.600	0.600	0.000	19.080	-
Total Quantity					19.08 cum (cum)		19.08 Cum (Cubic Meter)	
Amount					19.08 X 240.77592		4594.00	
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	Wall	1.000	53.000	0.600	0.050	0.000	1.590	-
Total Quantity					1.59 cum (cum)		1.59 Cum (Cubic Meter)	
Amount					1.59 X 1138.475232		1810.18	
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	Wall	1.000	53.000	0.600	0.100	0.000	3.180	-
Total Quantity					3.18 cum (cum)		3.18 Cum (Cubic Meter)	

Amount		3.18 X 5825.065516					18523.71	
4. 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		1.000	53.000	0.230	1.600	0.000	19.504	-
Total Quantity					19.504 cum (cum)		19.504 Cum (Cubic Meter)	
Amount		19.504 X 5301.4062912					103398.63	
5. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.								
12mm thick cement plaster (1:6) over Brick work in outside 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		1.000	53.000	1.600	0.000	0.000	84.800	-
Total Quantity					84.8 Sqm (Sqm)		84.8 Sqm (Square Meter)	
Amount		84.8 X 176.28967028					14949.36	
6. 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		1.000	53.000	1.600	0.000	0.000	84.800	-
Total Quantity					84.8 Sqm (Sqm)		84.8 Sqm (Square Meter)	
Amount		84.8 X 251.8296024					21355.15	
7. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer								

Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	1.000	1.000	1.000	172.800	172.800	-
Total Quantity					172.8 Sqm (Sqm)		172.8 Sqm (Square Meter)	
Amount					172.8 X 156.86512543771		27106.29	

8. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	53.000	0.400	0.050	0.000	1.060	-
Total Quantity					1.06 cum (cum)		1.06 Cum (Cubic Meter)	
Amount					1.06 X 7299.383928		7737.35	

9. Masonry Stone Work (AR0717) : Laterite stone masonry

Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	1st Footing	1.000	53.000	0.500	0.350	0.000	9.275	-
ii	2 nd Footing	1.000	53.000	0.400	0.350	0.000	7.420	-
Total Quantity					16.695 cum (cum)		16.695 Cum (Cubic Meter)	
Amount					16.695 X 5613.0591632		93710.02	
Total Amount							293184.69	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								

Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6000.00
Grand Net Total Amount	299184.69

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AEE
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