

Detailed Estimate

OD/362/3460/119602/407513/00017647 : Construction of cc Road from Marichia Bhagabat Ghara to Transformer, Dadha GP
Block : Bhubaneswar, Gram Panchayat : Dadha
Created By:Suchismita Satpathy

1. 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	wall	1.000	100.000	1.000	0.330	0.028	0.934	-
ii	road	1.000	50.000	12.000	0.250	0.028	4.245	-
iii	road	1.000	50.000	10.000	0.250	0.028	3.538	-
iv	road	1.000	29.000	10.000	0.167	0.028	1.371	-
Total Quantity					10.086969 cum (cum)		10.086969 Cum (Cubic Meter)	
Amount					10.086969 X 502.629732		5070.01	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	100.000	1.000	0.330	1.000	33.000	-
ii	road	1.000	50.000	12.000	0.330	1.000	198.000	-
iii	road	1.000	50.000	10.000	0.330	1.000	165.000	-
iv	road	1.000	24.000	10.000	0.330	1.000	79.200	-
Total Quantity					475.2 Cft (Cubic Foot)		13.45614336 Cum (Cubic Meter)	
Amount					13.45614336 X 5845.9633755		78664.12	
3. 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	wall	1.000	100.000	1.000	0.830	0.028	2.349	-
Total Quantity					2.3489 cum (cum)		2.3489 Cum (Cubic Meter)	
Amount					2.3489 X 240.77592		565.56	

4. 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 specifaicaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	50.000	12.000	0.290	1.000	174.000	-
ii	road	1.000	50.000	10.000	0.290	1.000	145.000	-
iii	road	1.000	24.000	10.000	0.330	1.000	79.200	-
Total Quantity					398.2 Cft (Cubic Foot)		11.27574976 Cum (Cubic Meter)	
Amount					11.27574976 X 7343.9698225		82808.77	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	100.000	0.660	0.660	0.000	43.560	-
Total Quantity					43.56 Cft (Cubic Foot)		1.233479808 Cum (Cubic Meter)	
Amount					1.233479808 X 4570.995481		5638.23	
Total Amount							172746.69	

Addition

Provision for Contingency (+) @							1753.31	
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Display Citizen Board (+) @	500.00
Any Other Lumpsum (+) @	
Total Addition	2253.31
Grand Net Total Amount	175000.00