

Detailed Estimate

OD/346/3299/275534/392391/00112383 : Construction of CC Road from Mitu Sahu House to Bhalu Sahu House
Block : Baleshwar, Gram Panchayat : Rupsa Samilhasanpur
Created By: ARUN KUMAR SWAIN

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	232.000	0.750	0.500	0.000	174.000	-
Total Quantity						174 Cft (Cubic Foot)	4.9271232 Cum (Cubic Meter)	
Amount						4.9271232 X 179.18208	882.85	
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	cutoff wall	2.000	232.000	0.750	0.160	0.000	55.680	-
ii	road	1.000	232.000	8.500	0.330	0.000	650.760	-
Total Quantity						706.44 Cft (Cubic Foot)	20.004120192 Cum (Cubic Meter)	
Amount						20.004120192 X 1103.630232	22077.15	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	cutoff wall	2.000	232.000	0.750	0.660	0.000	229.680	-
ii	road	1.000	232.000	10.000	0.330	0.000	765.600	-

Total Quantity	995.28 Cft (Cubic Foot)	28.183144704 Cum (Cubic Meter)
Amount	28.183144704 X 6346.41289726	178861.87

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	232.000	10.000	0.330	0.000	765.600	-
Total Quantity					765.6 Cft (Cubic Foot)		21.67934208 Cum (Cubic Meter)	
Amount					21.67934208 X 7965.66472962		172690.37	

5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	4.000	232.000	0.330	0.000	0.000	306.240	-
ii	road	2.000	232.000	0.660	0.000	0.000	306.240	-
Total Quantity					612.48 Sft (Square Foot)		56.90122944 Sqm (Square Meter)	
Amount					56.90122944 X 216.23489289764		12304.03	

Total Amount (A) : 386816.28

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	3868.1627884838
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.4315	hire charges of vibrator	4315
Additional Components Amount (F) : 13183.162788484			
Grand Total Amount (A + F) : 399999.44163686			

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