

## Detailed Estimate

**OD/360/3440/119177/396327/00114973 : CONSTRUCTION OF CC ROAD FROM BALIPATANA GOURANGA SAHOO HOUSE TO BENGAPATIA, AT- BALIPATANA, VILL- GP- BADAMOHANPUR**

**Block : Pattamundai, Gram Panchayat : Badamohanpur**

**Created By: BANDITA BEHURA**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	CUTOFF	2.000	180.000	0.830	0.830	0.000	248.004	-
<b>Total Quantity</b>						248.004 Cft (Cubic Foot)	7.0226796672 Cum (Cubic Meter)	
<b>Amount</b>						<b>7.0226796672 X 240.77592</b>	<b>1690.89</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	2.000	180.000	0.830	0.330	0.000	98.604	-
ii	ROAD	1.000	180.000	8.330	0.330	0.000	494.802	-
<b>Total Quantity</b>						593.406 Cft (Cubic Foot)	16.8033590208 Cum (Cubic Meter)	
<b>Amount</b>						<b>16.8033590208 X 1139.727632</b>	<b>19151.25</b>	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	CUTOFF	2.000	180.000	0.830	0.830	0.000	248.004	-

ii	ROAD	1.000	180.000	10.000	0.330	0.000	594.000	-
Total Quantity					842.004 Cft (Cubic Foot)		23.8428588672 Cum (Cubic Meter)	
Amount					23.8428588672 X 6558.45926626		156372.42	

**4. 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	2.000	180.000	0.660	0.000	0.000	237.600	-
Total Quantity					237.6 Sft (Square Foot)		22.0737528 Sqm (Square Meter)	
Amount					22.0737528 X 216.23489289764		4773.12	

**5. 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	180.000	10.000	0.250	0.000	450.000	-
Total Quantity					450 Cft (Cubic Foot)		12.74256 Cum (Cubic Meter)	
Amount					12.74256 X 8031.10000362		102336.77	

**Total Amount (A) : 284324.45**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3125	-	3125
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.7500	-	7500
Additional Components Amount (F) : 15625			
Grand Total Amount (A + F) : 299949.45265056			

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