

## Detailed Estimate

**OD/346/3299/275533/392855/00109714 : CONSTRUCTION OF CC ROAD FROM BANGURU DALEI HOUSE TO KARTIKA DALEI HOUSE**

**Block : Baleshwar, Gram Panchayat : Bardhanpur**

**Created By:NIHARIKA MOHAPATRA**

<b>1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b>								
Earth work in ordinary soil 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CutOff Wall	2.000	270.000	0.750	0.750	0.000	303.750	-
<b>Total Quantity</b>						303.75 Cft (Cubic Foot)	8.601228 Cum (Cubic Meter)	
<b>Amount</b>						<b>8.601228 X 149.3184</b>	<b>1284.32</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 Wall	2.000	270.000	0.750	0.250	0.000	101.250	-
ii	Road	1.000	270.000	8.500	0.330	0.000	757.350	-
<b>Total Quantity</b>						858.6 Cft (Cubic Foot)	24.31280448 Cum (Cubic Meter)	
<b>Amount</b>						<b>24.31280448 X 1090.480032</b>	<b>26512.63</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
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	270.000	0.750	0.750	0.000	303.750	-
ii	Road	1.000	270.000	10.000	0.330	0.000	891.000	-

Total Quantity	1194.75 Cft (Cubic Foot)	33.8314968 Cum (Cubic Meter)
Amount	33.8314968 X 6072.49120126	205441.47

**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	270.000	10.000	0.290	0.000	783.000	-
Total Quantity					783 Cft (Cubic Foot)		22.1720544 Cum (Cubic Meter)	
Amount					22.1720544 X 7708.86313962		170921.33	

**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	270.000	0.500	0.000	0.000	540.000	-
ii	Road	2.000	270.000	0.660	0.000	0.000	356.400	-
Total Quantity					896.4 Sft (Square Foot)		83.2782492 Sqm (Square Meter)	
Amount					83.2782492 X 216.23489289764		18007.66	

**Total Amount (A) : 422167.41**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4340	-	4340
2	Display Citizen Board @ Rs.2642	-	2642

3	Any Other Lumpsum @ Rs.4340	Labour Cess	4340
Additional Components Amount (F) : 11322			
Grand Total Amount (A + F) : 433489.41224409			

**NIHARIKA MOHAPATRA**  
JE  
Baleswar Block

**PURUSOTTAM KARAN**  
AEE  
Baleswar Block

**Uttam Kumar Jena**  
BDO  
Baleswar Block