

## Detailed Estimate

**OD/347/3312/116383/380593/00064066 : Completion of CC Road from Railway crossing to +3 College road under Katapali GP under Bargarh Block**  
**Block : Bargarh, Gram Panchayat : Katapali**  
**Created By:P T SUKANTI RAJ**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	82.000	0.200	0.200	0.000	6.560	-
Total Quantity					6.56 cum (cum)		6.56 Cum (Cubic Meter)	
Amount					6.56 X 240.77592		1579.49	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	82.000	0.200	0.100	0.000	3.280	-
ii	road	1.000	82.000	3.650	0.150	0.000	44.895	-
Total Quantity					48.175 cum (cum)		48.175 Cum (Cubic Meter)	
Amount					48.175 X 564.249832		27182.74	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	82.000	0.200	0.100	0.000	3.280	-

ii	road	1.000	82.000	3.650	0.100	0.000	29.930	-
Total Quantity					33.21 cum (cum)		33.21 Cum (Cubic Meter)	
Amount					33.21 X 5196.32709512		172570.02	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	82.000	3.650	0.075	0.000	22.448	-
Total Quantity					22.4475 cum (cum)		22.4475 Cum (Cubic Meter)	
Amount					22.4475 X 6736.00476044		151206.47	
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	road side	2.000	82.000	0.000	0.200	0.000	32.800	-
Total Quantity					32.8 Sqm (Sqm)		32.8 Sqm (Square Meter)	
Amount					32.8 X 216.23489289764		7092.50	
<b>Total Amount</b>							<b>359631.22</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3659.78	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4659.78</b>
<b>Grand Net Total Amount</b>	<b>364291.00</b>

**P T SUKANTI RAJ**  
**JE**  
**Bargarh Block**

**SANTOSH KUMAR BEHERA**  
**AEE**  
**Bargarh Block**

**BERCIUS DUNGUNG**  
**BDO**  
**Bargarh Block**