

## Detailed Estimate

**OD/347/3312/116389/380598/00077419 : Construction of CC road from Kulita Pada By-pass to Badakanta**  
**Block : Bargarh, Gram Panchayat : Nunia Jampali**  
**Created By:ACHOLISH KUJUR**

<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	Cutoff	2.000	98.000	0.200	0.200	0.000	7.840	-
Total Quantity					7.84 cum (cum)		7.84 Cum (Cubic Meter)	
Amount					7.84 X 240.77592		1887.68	
<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	Cutoff	2.000	98.000	0.200	0.100	0.000	3.920	-
ii	Road surface	1.000	98.000	3.250	0.100	0.000	31.850	-
Total Quantity					35.77 cum (cum)		35.77 Cum (Cubic Meter)	
Amount					35.77 X 539.100832		19283.64	
<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	Cutoff	2.000	98.000	0.200	0.200	0.000	7.840	-

ii	Road surface	1.000	98.000	3.250	0.075	0.000	23.888	-
Total Quantity					31.7275 cum (cum)		31.7275 Cum (Cubic Meter)	
Amount					31.7275 X 5466.74589296		173446.18	
<b>4. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road surface	2.000	98.000	0.000	0.200	0.000	39.200	-
Total Quantity					39.2 Sqm (Sqm)		39.2 Sqm (Square Meter)	
Amount					39.2 X 216.23489289764		8476.41	
<b>5. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road surface	1.000	98.000	3.650	0.075	0.000	26.828	-
Total Quantity					26.8275 cum (cum)		26.8275 Cum (Cubic Meter)	
Amount					26.8275 X 7079.52172652		189925.87	
<b>Total Amount</b>							<b>393019.78</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3930.20	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							50.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6980.20</b>
<b>Grand Net Total Amount</b>	<b>399999.97</b>

**ACHOLISH KUJUR**  
**JE**  
**Bargarh Block**

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

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