

## Detailed Estimate

**OD/344/3278/115621/404223/00064260 : Const of cc road from Duryodhan house to ranjan sahu house**  
**Block : Banarpal, Gram Panchayat : Kumanda**  
**Created By: Biranchi Narayana Sahoo**

<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 wall	2.000	30.000	0.300	0.150	0.000	2.700	-
Total Quantity					2.7 cum (cum)		2.7 Cum (Cubic Meter)	
Amount					2.7 X 240.77592		650.09	
<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 wall	2.000	30.000	0.300	0.100	0.000	1.800	-
ii	CC Road Base	1.000	30.000	3.750	0.100	0.000	11.250	-
Total Quantity					13.05 cum (cum)		13.05 Cum (Cubic Meter)	
Amount					13.05 X 632.667232		8256.31	
<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	CC road Base	1.000	30.000	3.750	0.100	0.000	11.250	-

Total Quantity		11.25 cum (cum)		11.25 Cum (Cubic Meter)				
Amount		11.25 X 5732.37260238		64489.19				
<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	Cutoffwall	2.000	30.000	0.225	0.250	0.000	3.375	-
ii	CC road Base	1.000	30.000	4.200	0.100	0.000	12.600	-
Total Quantity		15.975 cum (cum)		15.975 Cum (Cubic Meter)				
Amount		15.975 X 7168.70659906		114520.09				
<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	Cutoff wall	2.000	30.000	0.350	0.000	0.000	21.000	-
ii	Cutoff wall	2.000	30.000	0.250	0.000	0.000	15.000	-
Total Quantity		36 Sqm (Sqm)		36 Sqm (Square Meter)				
Amount		36 X 216.23489289764		7784.46				
Total Amount		195700.14						
<b>Addition</b>								
Provision for Contingency (+) @		1010.00						
Display Citizen Board (+) @		3900.00						
Any Other Lumpsum (+) @		1308.86						

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6218.86</b>
<b>Grand Net Total Amount</b>	<b>201919.00</b>

**Biranchi Narayana Sahoo**  
**JE**  
**Banarpal Block**

**Biswamohan Patnaik**  
**AEE**  
**Banarpal Block**

**LOCHAN DAS**  
**BDO**  
**Banarpal Block**