

## Detailed Estimate

**OD/346/3304/116207/394099/00076251 : Const. of CC road from Barunapadi Bridge to Thakurani**  
**Block : Khaira, Gram Panchayat : Dungura**  
**Created By:AMIYA KUMAR DAS**

<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		2.000	185.000	0.660	0.500	0.000	122.100	-
Total Quantity					122.1 Cft (Cubic Foot)		3.45748128 Cum (Cubic Meter)	
Amount					3.45748128 X 240.77592		832.48	
<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		2.000	185.000	0.660	0.050	0.000	12.210	-
ii		1.000	185.000	8.680	0.330	0.000	529.914	-
Total Quantity					542.124 Cft (Cubic Foot)		15.3512168832 Cum (Cubic Meter)	
Amount					15.3512168832 X 1394.934432		21413.94	
<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		2.000	185.000	0.660	0.660	0.000	161.172	-
ii		1.000	185.000	8.680	0.330	0.000	529.914	-
Total Quantity					691.086 Cft (Cubic Foot)		19.5693440448 Cum (Cubic Meter)	
Amount					19.5693440448 X 6812.888067		133323.75	
<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		1.000	185.000	10.000	0.300	0.000	555.000	-
Total Quantity					555 Cft (Cubic Foot)		15.715824 Cum (Cubic Meter)	
Amount					15.715824 X 8210.2385809		129030.66	
<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		2.000	185.000	0.660	0.000	0.000	244.200	-
Total Quantity					244.2 Sft (Square Foot)		22.6869126 Sqm (Square Meter)	
Amount					22.6869126 X 216.23489289764		4905.70	
<b>Total Amount</b>							<b>289506.54</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1000.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	4493.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>10493.00</b>
<b>Grand Net Total Amount</b>	<b>299999.54</b>

**AMIYA KUMAR DAS**  
**JE**  
**Khaira Block**

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**AEE**  
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