

## Detailed Estimate

**OD/346/3304/116206/393443/00075477 : Const. of CC road from Bauti Thakurani to Routrani**

**Block : Khaira, Gram Panchayat : Dangarpada**

**Created By: Santosh Kumar Prusty**

<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	Cut off	2.000	51.000	0.225	0.150	0.000	3.443	-
Total Quantity					3.4425 cum (cum)		3.4425 Cum (Cubic Meter)	
Amount					3.4425 X 240.77592		828.87	
<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	Cut off	2.000	51.000	0.225	0.050	0.000	1.148	-
ii	Bed	1.000	51.000	2.600	0.100	0.000	13.260	-
Total Quantity					14.4075 cum (cum)		14.4075 Cum (Cubic Meter)	
Amount					14.4075 X 1596.207232		22997.36	
<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	Cut off	2.000	51.000	0.225	0.200	0.000	4.590	-

ii	Bed	1.000	51.000	3.050	0.100	0.000	15.555	-
Total Quantity					20.145 cum (cum)		20.145 Cum (Cubic Meter)	
Amount					20.145 X 6624.2814147		133446.15	
<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	Bed	1.000	51.000	3.050	0.100	0.000	15.555	-
Total Quantity					15.555 cum (cum)		15.555 Cum (Cubic Meter)	
Amount					15.555 X 8215.2199009		127787.75	
<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	Cut off	4.000	51.000	0.000	0.100	0.000	20.400	-
ii	Bed	2.000	51.000	0.000	0.200	0.000	20.400	-
Total Quantity					40.8 Sqm (Sqm)		40.8 Sqm (Square Meter)	
Amount					40.8 X 216.23489289764		8822.38	
<b>Total Amount</b>							<b>293882.51</b>	
<b>Addition</b>								
Provision for Contingency (+) @							117.45	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1000.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6117.45</b>
<b>Grand Net Total Amount</b>	<b>299999.96</b>

**Santosh Kumar Prusty**  
**JE**  
**Khaira Block**

**Bibhuti Bhusan Nayak**  
**AEE**  
**Khaira Block**

**Narayan Sahu**  
**BDO**  
**Khaira Block**