

## Detailed Estimate

**OD/356/3395/118293/402057/00063782 : Maintenance of road from Nayak Sahi thakurani to Berhampur Danda**  
**Block : Bari, Gram Panchayat : Mandari**  
**Created By:Chirad Prasad Rout**

<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	1.000	105.000	0.750	0.500	0.000	39.375	-
Total Quantity					39.375 Cft (Cubic Foot)		1.114974 Cum (Cubic Meter)	
Amount					1.114974 X 240.77592		268.46	
<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	1.000	105.000	0.750	0.170	0.000	13.388	-
ii	Bed	1.000	34.250	31.250	0.330	0.000	353.203	-
iii	Bed	1.000	20.000	6.500	0.330	0.000	42.900	-
Total Quantity					409.490625 Cft (Cubic Foot)		11.59546413 Cum (Cubic Meter)	
Amount					11.59546413 X 686.096232		7955.60	
<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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	1.000	105.000	0.750	1.000	0.000	78.750	-
ii	Bed	1.000	34.250	31.250	0.330	0.000	353.203	-
iii	Bed	1.000	20.000	6.500	0.330	0.000	42.900	-
iv	Bed	1.000	5.000	5.000	0.330	0.000	-	8.250
Total Quantity					466.603125 Cft (Cubic Foot)		13.21270737 Cum (Cubic Meter)	
Amount					13.21270737 X 6288.11412166		83083.01	
<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	37.500	32.000	0.330	0.000	396.000	-
ii	Bed	1.000	20.000	8.000	0.330	0.000	52.800	-
iii	Bed	1.000	80.000	7.000	0.330	0.000	184.800	-
iv	Bed	1.000	56.300	15.000	0.330	0.000	278.685	-
v	Bed	1.000	5.000	5.000	0.330	0.000	-	8.250
Total Quantity					904.035 Cft (Cubic Foot)		25.599378288 Cum (Cubic Meter)	
Amount					25.599378288 X 7760.10092442		198653.76	
<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	40.000	0.000	0.670	0.000	53.600	-
ii	Cutoff wall	2.000	32.000	0.000	0.670	0.000	42.880	-
iii	Cutoff wall	2.000	20.000	0.000	0.670	0.000	26.800	-
iv	Cutoff wall	1.000	56.300	0.000	0.330	0.000	18.579	-
<b>Total Quantity</b>					141.859 Sft (Square Foot)		13.179126677 Sqm (Square Meter)	
<b>Amount</b>					13.179126677 X 216.23489289764		2849.79	
<b>Total Amount</b>							<b>292810.62</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2928.11	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @							2761.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>7189.11</b>	
<b>Grand Net Total Amount</b>							<b>299999.73</b>	

Chirad Prasad Rout  
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