

## Detailed Estimate

**OD/350/3342/117095/399733/00062964 : Construction Of Road From Champatipatna To Bauri Sahi Road , Vill.  
Badaroutpati  
Block : Nischinta Koili, Gram Panchayat : Kenduapatna  
Created By: Mama Behera**

<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	43.000	0.200	0.200	0.000	3.440	-
Total Quantity						3.44 cum (cum)	3.44 Cum (Cubic Meter)	
Amount						3.44 X 240.77592	828.27	
<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	43.000	0.200	0.100	0.000	1.720	-
ii	Road Base	1.000	43.000	2.600	0.100	0.000	11.180	-
Total Quantity						12.9 cum (cum)	12.9 Cum (Cubic Meter)	
Amount						12.9 X 1086.157232	14011.43	
<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	43.000	0.200	0.100	0.000	1.720	-
ii	road base	1.000	43.000	3.000	0.100	0.000	12.900	-
Total Quantity						14.62 cum (cum)	14.62 Cum (Cubic Meter)	

<b>Amount</b>						<b>14.62 X 6090.15944436</b>	<b>89038.13</b>	
<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	Road Wearing coat	1.000	43.000	3.000	0.090	0.000	11.610	-
Total Quantity							11.61 cum (cum)	11.61 Cum (Cubic Meter)
<b>Amount</b>						<b>11.61 X 7559.06192932</b>	<b>87760.71</b>	
<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	43.000	0.000	0.200	0.000	17.200	-
Total Quantity							17.2 Sqm (Sqm)	17.2 Sqm (Square Meter)
<b>Amount</b>						<b>17.2 X 216.23489289764</b>	<b>3719.24</b>	
<b>Total Amount (A) : 195357.78</b>								
<b>Additional Components</b>								
#	Item Name					Remark	Amount (in Rs.)	
1	Provision for Contingency @ Rs.2015					-	2015	
2	Display Citizen Board @ Rs.1500					-	1500	
3	Any Other Lumpsum @ Rs.2584.22					Vibrator	2584.22	
<b>Additional Components Amount (F) : 6099.22</b>								

**Grand Total Amount (A + F) : 201456.99769139**

**Mama Behera  
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Nischinta Koili Block**

**Nalinikanta Mohapatra  
AEE  
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**Dibyendu Kumar Das  
BDO  
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