

## Detailed Estimate

**OD/350/3342/117095/399742/00111471 : Improvement of CC road from Smruti Sagar Nanda House to Basanti Biswal House**

**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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	82.000	0.200	0.200	0.000	6.560	-
Total Quantity						6.56 cum (cum)	6.56 Cum (Cubic Meter)	
Amount						6.56 X 240.77592	1579.49	
<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	cutoff	2.000	82.000	0.200	0.100	0.000	3.280	-
ii	Road	1.000	82.000	2.600	0.100	0.000	21.320	-
Total Quantity						24.6 cum (cum)	24.6 Cum (Cubic Meter)	
Amount						24.6 X 1086.157232	26719.47	
<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	2.000	82.000	0.200	0.100	0.000	3.280	-
ii	Road	1.000	82.000	3.000	0.100	0.000	24.600	-
Total Quantity						27.88 cum (cum)	27.88 Cum (Cubic Meter)	

<b>Amount</b>						<b>27.88 X 6090.15944436</b>	<b>169793.65</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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Road	1.000	82.000	3.000	0.100	0.000	24.600	-
Total Quantity						24.6 cum (cum)	24.6 Cum (Cubic Meter)	
<b>Amount</b>						<b>24.6 X 7559.06192932</b>	<b>185952.92</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	Wearing Road	1.000	82.000	0.000	0.200	0.000	16.400	-
Total Quantity						16.4 Sqm (Sqm)	16.4 Sqm (Square Meter)	
<b>Amount</b>						<b>16.4 X 216.23489289764</b>	<b>3546.25</b>	
<b>Total Amount (A) : 387591.78</b>								
<b>Additional Components</b>								
#	Item Name						Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000						-	4000
2	Display Citizen Board @ Rs.5000						-	5000
3	Any Other Lumpsum @ Rs.3408						Vibrator	3408
4	Provision for survey investigation and quality control @ Rs.0.22						-	0.22
<b>Additional Components Amount (F) : 12408.22</b>								

**Grand Total Amount (A + F) : 399999.99895595**

**Mama Behera  
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