

## Detailed Estimate

**OD/373/3585/121710/384446/00074700 : Construction of Cement Concrete Road from Sanjojoda AWC to Mukesh Sahoo house**

**Block : Nuagaon, Gram Panchayat : Badajojoda**

**Created By:Predeep Sethy**

<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	63.000	0.200	0.200	0.000	5.040	-
Total Quantity					5.04 cum (cum)		5.04 Cum (Cubic Meter)	
Amount					5.04 X 240.77592		1213.51	
<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	Road	1.000	63.000	2.650	0.050	0.000	8.348	-
ii	Cutoff	2.000	63.000	0.200	0.050	0.000	1.260	-
Total Quantity					9.6075 cum (cum)		9.6075 Cum (Cubic Meter)	
Amount					9.6075 X 663.169232		6371.40	
<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	63.000	0.200	0.200	0.000	5.040	-

ii	Road	1.000	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					24.255 cum (cum)		24.255 Cum (Cubic Meter)	
Amount					24.255 X 5761.26144452		139739.40	
<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	1.000	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					19.215 cum (cum)		19.215 Cum (Cubic Meter)	
Amount					19.215 X 7221.53789924		138761.85	
<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	Road	2.000	63.000	1.000	0.200	0.000	25.200	-
Total Quantity					25.2 Sqm (Sqm)		25.2 Sqm (Square Meter)	
Amount					25.2 X 216.23489289764		5449.12	
<b>Total Amount</b>							<b>291535.28</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2915.35	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							549.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>8464.35</b>
<b>Grand Net Total Amount</b>	<b>299999.63</b>

**Predeep Sethy**  
**JE**  
**Nuagaon Block**

**Mahadeb Murmu**  
**AEE**  
**Nuagaon Block**

**BDO Nuagaon**  
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