

## Detailed Estimate

**OD/369/3546/121104/409680/00114415 : CONST OF CC ROAD FROM DASAMANA TO MULA ALASA CONCRETE ROAD**

**Block : Satyabadi, Gram Panchayat : Sri Ramachandrapur**

**Created By: NIBEDITA KANUNGO**

<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	EXCAVATION	1.000	25.760	0.250	0.125	0.000	0.805	-
<b>Total Quantity</b>						<b>0.805 cum (cum)</b>	<b>0.805 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>0.805 X 240.77592</b>	<b>193.82</b>	
<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	sandfilling	1.000	38.000	3.400	0.050	0.000	6.460	-
ii	sandfilling	2.000	25.760	0.250	0.125	0.000	1.610	-
<b>Total Quantity</b>						<b>8.07 cum (cum)</b>	<b>8.07 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>8.07 X 539.302832</b>	<b>4352.17</b>	
<b>3. 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	Centeing shuttering	1.000	25.760	1.000	0.050	2.000	2.576	-

ii	centring & shuttering	1.000	40.000	1.000	0.150	1.000	6.000	-
Total Quantity					8.576 Sqm (Sqm)		8.576 Sqm (Square Meter)	
Amount					<b>8.576 X 216.23489289764</b>		<b>1854.43</b>	

#### 4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC (1:3:6)	1.000	25.760	0.250	0.076	1.000	0.489	-
ii	CC(1:3:6)	1.000	38.000	3.640	0.088	1.000	12.172	-
Total Quantity					12.6616 cum (cum)		12.6616 Cum (Cubic Meter)	
Amount					<b>12.6616 X 5644.01018496</b>		<b>71462.20</b>	

#### 5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC(1:2:4)	1.000	38.000	3.640	0.062	1.000	8.576	-
Total Quantity					8.57584 cum (cum)		8.57584 Cum (Cubic Meter)	
Amount					<b>8.57584 X 7310.19572752</b>		<b>62691.07</b>	

**Total Amount (A) : 140553.70**

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1438	-	1438
2	Display Citizen Board @ Rs.1038	-	1038

3	Any Other Lumpsum @ Rs.750	VIBRATOR	750
Additional Components Amount (F) : 3226			
Grand Total Amount (A + F) : 143779.69719711			

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