

## Detailed Estimate

**OD/366/3521/120565/428062/00108524 : CONST OF CC ROAD FROM BARAGUDA TO DHEPAGUDA**

**Block : Tentulikhunti, Gram Panchayat : Manchagam**

**Created By: BRAJABIHARI MAHAKUD**

<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	0.150	0.150	0.000	3.690	-
ii	Road	1.000	82.000	3.350	0.100	0.000	27.470	-
<b>Total Quantity</b>						<b>31.16 cum (cum)</b>	<b>31.16 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>31.16 X 240.77592</b>	<b>7502.58</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	cutoff	2.000	82.000	0.150	0.050	0.000	1.230	-
ii	road	1.000	82.000	3.350	0.100	0.000	27.470	-
<b>Total Quantity</b>						<b>28.7 cum (cum)</b>	<b>28.7 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>28.7 X 601.458232</b>	<b>17261.85</b>	
<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	0.150	0.100	0.000	2.460	-
ii	Road	1.000	82.000	3.350	0.100	0.000	27.470	-

Total Quantity	29.93 cum (cum)	29.93 Cum (Cubic Meter)
Amount	29.93 X 5326.1030233	159410.26

**4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	82.000	0.000	0.175	0.000	28.700	-
Total Quantity							28.7 Sqm (Sqm)	28.7 Sqm (Square Meter)
Amount							28.7 X 216.39264180804	6210.47

**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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	82.000	3.650	0.075	0.000	22.448	-
Total Quantity							22.4475 cum (cum)	22.4475 Cum (Cubic Meter)
Amount							22.4475 X 6852.9354561	153831.27

**Total Amount (A) : 344216.43**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3500	-	3500
2	Display Citizen Board @ Rs.2283	-	2283

**Additional Components Amount (F) : 5783**

Grand Total Amount (A + F) : 349999.42988366

**BRAJABIHARI MAHAKUD**  
**JE**  
Tentulikhunti Block

**GOVIND KANHAR**  
**AEE**  
Tentulikhunti Block

**Manoj Kumar Panigrahi**  
**BDO**  
Tentulikhunti Block