

## Detailed Estimate

**OD/346/3306/116263/393376/00071446 : Const of CC road from mahisadali sulochana Naik house to kedupada hata**  
**Block : Oupada, Gram Panchayat : Rairamachandrapur**  
**Created By: Monalisha Singh**

<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 walls	2.000	231.000	0.830	0.330	0.000	126.542	-
ii		1.000	8.330	0.830	0.330	0.000	2.282	-
<b>Total Quantity</b>						128.823387 Cft (Cubic Foot)	3.6478660850016 Cum (Cubic Meter)	
<b>Amount</b>						<b>3.6478660850016 X 240.77592</b>	<b>878.32</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	cut off walls	2.000	231.000	0.830	0.160	0.000	61.354	-
ii		1.000	8.330	0.830	0.160	0.000	1.106	-
iii	road	1.000	231.000	8.330	0.330	0.000	634.996	-
<b>Total Quantity</b>						697.455724 Cft (Cubic Foot)	19.749714245363 Cum (Cubic Meter)	
<b>Amount</b>						<b>19.749714245363 X 1707.711232</b>	<b>33726.81</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off walls	2.000	231.000	0.830	0.500	0.000	191.730	-
ii		1.000	8.330	0.830	0.500	0.000	3.457	-
iii	road	1.000	231.000	10.000	0.330	0.000	762.300	-
Total Quantity					957.48695 Cft (Cubic Foot)		27.11296646576 Cum (Cubic Meter)	
Amount					27.11296646576 X 6207.8782612		168314.00	

**4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	231.000	10.000	0.330	0.000	762.300	-
Total Quantity					762.3 Cft (Cubic Foot)		21.58589664 Cum (Cubic Meter)	
Amount					21.58589664 X 7831.3455144		169046.61	

**5. 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	cut off walls	2.000	231.000	2.000	0.330	0.000	304.920	-
ii		1.000	8.330	2.000	0.330	0.000	5.498	-
iii	road	1.000	231.000	2.000	0.660	0.000	304.920	-

Total Quantity	615.3378 Sft (Square Foot)	57.1667276334 Sqm (Square Meter)
Amount	57.1667276334 X 216.23489289764	12361.44
<b>Total Amount</b>		<b>384327.18</b>
<b>Addition</b>		
Provision for Contingency (+) @		3843.27
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		2986.27
Provision for survey investigation and quality control (+) @		3843.27
<b>Total Addition</b>		<b>15672.81</b>
<b>Grand Net Total Amount</b>		<b>399999.99</b>

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