

## Detailed Estimate

**OD/346/3306/116263/393376/00071453 : Const, of C.C. Road from Ramakanta Naik House to Brahmani Thakuranl**  
**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	117.000	0.830	0.330	0.000	64.093	-
ii		1.000	8.330	0.830	0.330	0.000	2.282	-
<b>Total Quantity</b>					66.374187 Cft (Cubic Foot)		1.8795045784416 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.8795045784416 X 240.77592</b>		<b>452.54</b>	
<b>2. 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	117.000	0.830	0.500	0.000	97.110	-
ii		1.000	8.330	0.830	0.500	0.000	3.457	-
iii	road	1.000	117.000	10.000	0.330	0.000	386.100	-
<b>Total Quantity</b>					486.66695 Cft (Cubic Foot)		13.78085068976 Cum (Cubic Meter)	
<b>Amount</b>					<b>13.78085068976 X 6207.8782612</b>		<b>85549.84</b>	
<b>3. 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	117.000	10.000	0.330	0.000	386.100	-
Total Quantity					386.1 Cft (Cubic Foot)		10.93311648 Cum (Cubic Meter)	
Amount					10.93311648 X 7831.3455144		85621.01	

**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	Cutt off walls	2.000	117.000	2.000	0.330	0.000	154.440	-
ii		1.000	8.330	2.000	0.330	0.000	5.498	-
iii	road	1.000	117.000	2.000	0.660	0.000	154.440	-
Total Quantity					314.3778 Sft (Square Foot)		29.2066407534 Sqm (Square Meter)	
Amount					29.2066407534 X 216.23489289764		6315.49	

**5. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed**

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	117.000	0.830	0.160	0.000	31.075	-
ii		1.000	8.330	0.830	0.160	0.000	1.106	-
iii	road	1.000	117.000	8.330	0.330	0.000	321.621	-

Total Quantity	353.802724 Cft (Cubic Foot)	10.018560974963 Cum (Cubic Meter)
Amount	<b>10.018560974963 X</b> <b>1707.711232</b>	<b>17108.81</b>
<b>Total Amount</b>		<b>195047.70</b>
<b>Addition</b>		
Provision for Contingency (+) @		1950.48
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		1001.82
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>4952.30</b>
<b>Grand Net Total Amount</b>		<b>200000.00</b>

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JE  
Oupada Block

Mamatarani Mohanta  
AEE  
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