

## Detailed Estimate

**OD/350/3339/117002/399489/00113772 : Improvement OF CC ROAD FROM BRAHAMANANDA SETHI HOUSE TO MANGALA MANDIR**

**Block : Mahanga, Gram Panchayat : Kundi**

**Created By: SAGAR MALLIK**

<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	earthwork	1.000	50.000	0.833	0.500	0.000	20.825	-
Total Quantity						20.825 Cft (Cubic Foot)	0.58969736 Cum (Cubic Meter)	
Amount						<b>0.58969736 X 240.77592</b>	<b>141.98</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		1.000	50.000	0.833	0.330	0.000	13.745	-
Total Quantity						13.7445 Cft (Cubic Foot)	0.3892002576 Cum (Cubic Meter)	
Amount						<b>0.3892002576 X 793.873332</b>	<b>308.98</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		1.000	200.000	10.000	0.330	0.000	660.000	-
Total Quantity						660 Cft (Cubic Foot)	18.689088 Cum (Cubic Meter)	

<b>Amount</b>	<b>18.689088 X 5954.79000286</b>	<b>111289.59</b>
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**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		1.000	355.000	11.000	0.330	0.000	1288.650	-
Total Quantity							1288.65 Cft (Cubic Foot)	36.49044432 Cum (Cubic Meter)
Amount							36.49044432 X 7438.65664782	271439.89

**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		2.000	250.000	0.000	0.330	0.000	165.000	-
Total Quantity							165 Sft (Square Foot)	15.328995 Sqm (Square Meter)
Amount							15.328995 X 216.23489289764	3314.66

**Total Amount (A) : 386495.10**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.3500	-	3500
3	Any Other Lumpsum @ Rs.4000	CESS	4000
4	Provision for survey investigation and quality control @ Rs.2004	-	2004

**Additional Components Amount (F) : 13504**

**Grand Total Amount (A + F) : 399999.10482959**

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