

## Detailed Estimate

**OD/360/3438/119148/396969/00114425 : CONSTRUCTION OF ROAD FROM SARAT JENA HOUSE TO BIGYAN KHATUA HAIUSE**

**Block : Mahakalapada, Gram Panchayat : Tikarapanga**

**Created By: BIBHUTI CHARAN BEHERA**

<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 wall	2.000	81.200	0.250	0.150	0.000	6.090	-
<b>Total Quantity</b>						<b>6.09 cum (cum)</b>	<b>6.09 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>6.09 X 240.77592</b>	<b>1466.33</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 Wall	2.000	81.200	0.250	0.050	0.000	2.030	-
ii	Carriage Way	1.000	81.200	2.500	0.050	0.000	10.150	-
<b>Total Quantity</b>						<b>12.18 cum (cum)</b>	<b>12.18 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>12.18 X 866.037832</b>	<b>10548.34</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 Wall	2.000	81.200	0.250	0.150	0.000	6.090	-
ii	Road Bed	1.000	81.200	3.000	0.100	0.000	24.360	-
<b>Total Quantity</b>						<b>30.45 cum (cum)</b>	<b>30.45 Cum (Cubic Meter)</b>	

<b>Amount</b>						<b>30.45 X 6522.60345826</b>	<b>198613.28</b>	
<b>4. 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	Carriage Way	1.000	81.200	3.000	0.100	0.000	24.360	-
Total Quantity						24.36 cum (cum)	24.36 Cum (Cubic Meter)	
<b>Amount</b>						<b>24.36 X 7997.48518362</b>	<b>194818.74</b>	
<b>5. 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	Road Side	4.000	81.200	0.000	0.050	0.000	16.240	-
ii	Road Side	2.000	81.200	0.000	0.200	0.000	32.480	-
Total Quantity						48.72 Sqm (Sqm)	48.72 Sqm (Square Meter)	
<b>Amount</b>						<b>48.72 X 216.23489289764</b>	<b>10534.96</b>	
<b>Total Amount (A) : 415981.64</b>								
<b>Additional Components</b>								
#	Item Name					Remark	Amount (in Rs.)	
1	Provision for Contingency @ Rs.4250					-	4250	
2	Display Citizen Board @ Rs.4768					-	4768	
<b>Additional Components Amount (F) : 9018</b>								

Grand Total Amount (A + F) : 424999.64450553

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Mahakalapada Block

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**AEE**  
Mahakalapada Block

**Rabinarayan Acharya**  
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