

## Detailed Estimate

**OD/361/3444/119285/386248/00074026 : Construction of CC Road from Dhaneswar House to Trilochan Barik House**  
**Block : Bansapal, Gram Panchayat : Uperragoda**  
**Created By:ANIL KUMAR MAJHI**

<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		2.000	47.000	0.250	0.150	0.000	3.525	-
Total Quantity					3.525 cum (cum)		3.525 Cum (Cubic Meter)	
Amount					3.525 X 240.77592		848.74	
<b>2. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	47.000	3.650	0.000	0.000	171.550	-
Total Quantity					171.55 Sqm (Sqm)		171.55 Sqm (Square Meter)	
Amount					171.55 X 4.6662		800.49	
<b>3. 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	base	1.000	47.000	3.650	0.100	0.000	17.155	-
ii	cutoff	2.000	47.000	0.250	0.050	0.000	1.175	-
Total Quantity					18.33 cum (cum)		18.33 Cum (Cubic Meter)	

<b>Amount</b>				<b>18.33 X 1261.755832</b>			<b>23127.98</b>	
<b>4. 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		2.000	47.000	0.250	0.200	0.000	4.700	-
ii		1.000	47.000	3.150	0.100	0.000	14.805	-
Total Quantity					19.505 cum (cum)		19.505 Cum (Cubic Meter)	
<b>Amount</b>				<b>19.505 X 6510.13288524</b>			<b>126980.14</b>	
<b>5. 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	47.000	3.650	0.100	0.000	17.155	-
Total Quantity					17.155 cum (cum)		17.155 Cum (Cubic Meter)	
<b>Amount</b>				<b>17.155 X 8081.85980188</b>			<b>138644.30</b>	
<b>6. 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		2.000	47.000	0.200	0.000	0.000	18.800	-
Total Quantity					18.8 Sqm (Sqm)		18.8 Sqm (Square Meter)	

<b>Amount</b>	<b>18.8 X 216.23489289764</b>	<b>4065.22</b>
<b>Total Amount</b>		<b>294466.87</b>
<b>Addition</b>		
Provision for Contingency (+) @		2944.67
Display Citizen Board (+) @		2500.00
Any Other Lumpsum (+) @		88.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>5532.67</b>
<b>Grand Net Total Amount</b>		<b>299999.54</b>

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