

## Detailed Estimate

**OD/347/3312/116376/380621/00018554 : Imp. of Road with CC/ Grade-II Metalling from Lehenipadar to Mahulpali**

**Block : Bargarh, Gram Panchayat : Deogaon**

**Created By: SAHEB PRADHAN**

<b>1. Earth Work (AR0122Ai1) : Earthwork in all kinds of soil within 50m to 75m 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</b>								
Earthwork in all kinds of soil within 50m to 75m 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	108.000	0.230	0.250	1.000	12.420	-
Total Quantity					12.42 cum (cum)		12.42 Cum (Cubic Meter)	
<b>Amount</b>					<b>12.42 X 234.95903508</b>		<b>2918.19</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	108.000	0.230	0.100	1.000	4.968	-
ii	Road formation	1.000	108.000	3.190	0.100	1.000	34.452	-
Total Quantity					39.42 cum (cum)		39.42 Cum (Cubic Meter)	
<b>Amount</b>					<b>39.42 X 630.000832</b>		<b>24834.63</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	108.000	0.230	0.150	1.000	7.452	-
ii	Road	1.000	108.000	3.190	0.100	1.000	34.452	-
Total Quantity					41.904 cum (cum)		41.904 Cum (Cubic Meter)	

<b>Amount</b>						<b>41.904 X 5351.98853752</b>	<b>224269.73</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	108.000	3.650	0.080	1.000	31.536	-
Total Quantity					31.536 cum (cum)		31.536 Cum (Cubic Meter)	
<b>Amount</b>						<b>31.536 X 6940.63467924</b>	<b>218879.86</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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	108.000	0.000	0.250	1.000	54.000	-
Total Quantity					54 Sqm (Sqm)		54 Sqm (Square Meter)	
<b>Amount</b>						<b>54 X 216.26644267972</b>	<b>11678.39</b>	
<b>6. Road Work (AR1307) : Supplying &amp; spreading moorum and consolidation with HRR</b>								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	108.000	0.300	0.150	1.000	9.720	-
Total Quantity					9.72 cum (cum)		9.72 Cum (Cubic Meter)	
<b>Amount</b>						<b>9.72 X 1145.3681286784</b>	<b>11132.98</b>	
<b>Total Amount</b>							<b>493713.77</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1286.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	
<b>Total Addition</b>	<b>6286.00</b>
<b>Grand Net Total Amount</b>	<b>499999.77</b>