

## Detailed Estimate

**OD/347/3312/116382/380604/00016193 : Improvement Of Road At Kalapani Village**

**Block : Bargarh, Panchayat : Kalapani  
Created By: SAROJ KUMAR MOHANTY**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	130.000	0.230	0.300	0.000	17.940	-
Total Quantity					17.94 cum (cum)		17.94 Cum (Cubic Meter)	
<b>Amount</b>					<b>17.94 X 235.56432</b>		<b>4226.02</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	Cutoff	2.000	130.000	0.230	0.100	0.000	5.980	-
ii	Road	1.000	130.000	2.570	0.100	0.000	33.410	-
Total Quantity					39.39 cum (cum)		39.39 Cum (Cubic Meter)	
<b>Amount</b>					<b>39.39 X 628.752472</b>		<b>24766.56</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	Cutoff	2.000	130.000	0.230	0.450	0.000	26.910	-
ii	Road	1.000	130.000	2.580	0.100	0.000	33.540	-
Total Quantity					60.45 cum (cum)		60.45 Cum (Cubic Meter)	

<b>Amount</b>				<b>60.45 X 5348.06270388</b>			<b>323290.39</b>	
<b>4. 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 centering 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	Cutoff	4.000	130.000	0.300	0.000	0.000	156.000	-
ii	Road	2.000	130.000	0.100	0.000	0.000	26.000	-
Total Quantity					182 Sqm (Sqm)		182 Sqm (Square Meter)	
<b>Amount</b>				<b>182 X 215.22489289764</b>			<b>39170.93</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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Raod	1.000	130.000	3.040	0.100	0.000	39.520	-
Total Quantity					39.52 cum (cum)		39.52 Cum (Cubic Meter)	
<b>Amount</b>				<b>39.52 X 6910.03746856</b>			<b>273084.68</b>	
<b>Total Amount</b>							<b>664538.59</b>	
<b>Addition</b>								
Provision for Contingency (+) @							6645.39	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							6092.01	
<b>Total Addition</b>							<b>17737.40</b>	
<b>Grand Net Total Amount</b>							<b>682275.98</b>	