

## Detailed Estimate

**OD/367/3527/275497/406384/00017178 : Construction of Kalahandi village CC Road**

**Block : Nayagarh, Panchayat : Muthagadia**

**Created By: Monalisa Satapathy**

<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	cut off	2.000	122.000	0.750	0.500	0.000	91.500	-
Total Quantity					91.5 Cft (Cubic Foot)		2.5909872 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.5909872 X 235.56432</b>		<b>610.34</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	122.000	0.750	0.330	0.000	60.390	-
ii	road base	1.000	122.000	10.500	0.160	0.000	204.960	-
Total Quantity					265.35 Cft (Cubic Foot)		7.51386288 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.51386288 X 779.535372</b>		<b>5857.32</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	122.000	0.750	0.660	0.000	120.780	-
ii	road base	1.000	122.000	10.500	0.330	0.000	422.730	-

Total Quantity				543.51 Cft (Cubic Foot)			15.390463968 Cum (Cubic Meter)	
<b>Amount</b>				<b>15.390463968 X 5130.2318043</b>			<b>78956.65</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 specifaicaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	1.000	122.000	12.000	0.330	0.000	483.120	-
ii	deduct	8.000	12.000	0.020	0.330	0.000	-	0.634
Total Quantity				482.4864 Cft (Cubic Foot)			13.66247089152 Cum (Cubic Meter)	
<b>Amount</b>				<b>13.66247089152 X 6905.5061581</b>			<b>94346.28</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	road base	2.000	122.000	0.000	0.830	0.000	202.520	-
Total Quantity				202.52 Sft (Square Foot)			18.81471556 Sqm (Square Meter)	
<b>Amount</b>				<b>18.81471556 X 215.22489289764</b>			<b>4049.40</b>	
<b>Total Amount</b>							<b>183819.99</b>	
<b>Addition</b>								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							2712.00	
Any Other Lumpsum (+) @								
<b>Total Addition</b>							<b>2712.00</b>	
<b>Grand Net Total Amount</b>							<b>186531.99</b>	