

## Detailed Estimate

**OD/367/3527/275497/406398/00016393 : Construction of C.C Road from Kalahandi to Kendriya Vidyalaya, Nayagarh**  
**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	94.500	0.750	0.500	0.000	70.875	-
Total Quantity					70.875 Cft (Cubic Foot)		2.0069532 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.0069532 X 235.56432</b>		<b>472.77</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	94.500	0.750	0.330	0.000	46.778	-
ii	Road base	1.000	94.500	10.500	0.160	0.000	158.760	-
Total Quantity					205.5375 Cft (Cubic Foot)		5.82016428 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.82016428 X 779.535372</b>		<b>4537.02</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	94.500	0.750	0.660	0.000	93.555	-
ii	Road base	1.000	94.500	10.500	0.330	0.000	327.443	-

Total Quantity			420.9975 Cft (Cubic Foot)				11.921302008 Cum (Cubic Meter)	
<b>Amount</b>			<b>11.921302008 X 5130.2318043</b>				<b>61159.04</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	94.500	12.000	0.330	0.000	374.220	-
ii	Deduct	6.000	12.000	0.020	0.330	0.000	-	0.475
Total Quantity			373.7448 Cft (Cubic Foot)				10.58325675264 Cum (Cubic Meter)	
<b>Amount</b>			<b>10.58325675264 X 6905.5061581</b>				<b>73082.74</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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	2.000	94.500	0.000	0.830	0.000	156.870	-
Total Quantity			156.87 Sft (Square Foot)				14.57369361 Sqm (Square Meter)	
<b>Amount</b>			<b>14.57369361 X 215.22489289764</b>				<b>3136.62</b>	
<b>Total Amount</b>							<b>142388.20</b>	
<b>Addition</b>								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1399.80	
Any Other Lumpsum (+) @								
<b>Total Addition</b>							<b>1399.80</b>	
<b>Grand Net Total Amount</b>							<b>143788.00</b>	