

## Detailed Estimate

**OD/362/3464/119674/407421/00100934 : Construction of CC road from Sialia Adivasi sahi to Xavier school**  
**Block : Khordha, Gram Panchayat : Khuradhamalla**  
**Created By: BHASKAR CHANDRA RATH**

<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	Cut-off	2.000	290.000	0.500	0.330	0.000	95.700	-
<b>Total Quantity</b>						95.7 Cft (Cubic Foot)	2.70991776 Cum (Cubic Meter)	
<b>Amount</b>						<b>2.70991776 X 240.77592</b>	<b>652.48</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off	2.000	290.000	0.500	0.160	0.000	46.400	-
ii	Base	1.000	290.000	11.000	0.330	0.000	1052.700	-
<b>Total Quantity</b>						1099.1 Cft (Cubic Foot)	31.12299488 Cum (Cubic Meter)	
<b>Amount</b>						<b>31.12299488 X 962.886732</b>	<b>29967.92</b>	
<b>3. 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	Cut-off	4.000	290.000	0.000	0.660	0.000	765.600	-

ii	Road sides	2.000	290.000	0.000	0.330	0.000	191.400	-	
Total Quantity					957 Sft (Square Foot)		88.908171 Sqm (Square Meter)		
Amount					88.908171 X 216.23489289764		19225.05		

#### 4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Cut-off	2.000	290.000	0.500	0.830	0.000	240.700	-	
ii	Base	1.000	290.000	11.000	0.330	0.000	1052.700	-	
Total Quantity					1293.4 Cft (Cubic Foot)		36.62494912 Cum (Cubic Meter)		
Amount					36.62494912 X 5486.8722175		200956.42		

#### 5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Road top	1.000	290.000	12.000	0.330	0.000	1148.400	-	
Total Quantity					1148.4 Cft (Cubic Foot)		32.51901312 Cum (Cubic Meter)		
Amount					32.51901312 X 7136.7170145		232078.99		

**Total Amount (A) : 482880.86**

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4828.8086062789

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.7290	other unforeseen items	7290
<b>Additional Components Amount (F) : 17118.808606279</b>			
<b>Grand Total Amount (A + F) : 499999.66923417</b>			

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