

## Detailed Estimate

**OD/366/3518/120502/428012/00110918 : Construction of CC road from Patharlasa to Alekh Dhondra**  
**Block : Nandahandi, Gram Panchayat : Dhondra**  
**Created By:Manas Ranjan Sethy**

<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	CUTT OFF WALL	2.000	65.360	0.225	0.150	0.000	4.412	-
<b>Total Quantity</b>						<b>4.4118 cum (cum)</b>	<b>4.4118 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>4.4118 X 240.77592</b>	<b>1062.26</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	C.C ROAD BASE	1.000	65.360	3.200	0.100	0.000	20.915	-
ii	ROAD CUTT OFF WALL	2.000	65.360	0.225	0.050	0.000	1.471	-
<b>Total Quantity</b>						<b>22.3858 cum (cum)</b>	<b>22.3858 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>22.3858 X 635.798232</b>	<b>14232.85</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.C ROAD BASE	1.000	65.360	3.200	0.100	0.000	20.915	-

ii	ROAD CUTT OFF WALL	2.000	65.360	0.225	0.300	0.000	8.824	-	
Total Quantity					29.7388 cum (cum)		29.7388 Cum (Cubic Meter)		
Amount					29.7388 X 5396.0111833		160470.90		

**4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	ROAD SIDE	2.000	65.360	0.000	0.463	0.000	60.458	-	
Total Quantity					60.458 Sqm (Sqm)		60.458 Sqm (Square Meter)		
Amount					60.458 X 216.23489289764		13073.13		

**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	1.000	65.360	3.650	0.063	0.000	14.910	-	
Total Quantity					14.91025 cum (cum)		14.91025 Cum (Cubic Meter)		
Amount					14.91025 X 6918.4743561		103156.18		

**Total Amount (A) : 291995.32**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5004.5	-	5004.5

**Additional Components Amount (F) : 8004.5**

**Grand Total Amount (A + F) : 299999.81606653**

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AEE  
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**Khirod Chandra Sahu  
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