

## Detailed Estimate

**OD/361/3452/119465/386035/00072477 : Consat of CC Road with Culvert at Nuasahi, Padmapur**  
**Block : Kendujhar Sadar, Gram Panchayat : Padmapur**  
**Created By:Ratikanta Lenka**

<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 culvrt	2.000	10.000	2.000	1.000	0.000	40.000	-
ii	cut off road	2.000	150.000	0.830	0.500	0.000	124.500	-
Total Quantity					164.5 Cft (Cubic Foot)		4.6581136 Cum (Cubic Meter)	
Amount					4.6581136 X 240.77592		1121.56	
<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 culvrt	2.000	10.000	2.000	0.330	0.000	13.200	-
ii	cut off raod	2.000	150.000	0.830	0.250	0.000	62.250	-
iii	road	1.000	150.000	10.340	0.250	0.000	387.750	-
Total Quantity					463.2 Cft (Cubic Foot)		13.11634176 Cum (Cubic Meter)	
Amount					13.11634176 X 995.055232		13051.48	
<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	base	2.000	10.000	2.000	0.500	0.000	20.000	-
ii	wall	2.000	10.000	1.500	3.500	0.000	105.000	-
iii	cut off	2.000	150.000	0.830	0.750	0.000	186.750	-
iv	road	1.000	150.000	10.340	0.330	0.000	511.830	-
Total Quantity					823.58 Cft (Cubic Foot)		23.321150144 Cum (Cubic Meter)	
Amount					23.321150144 X 5942.81209774		138593.21	

#### 4. 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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall top	2.000	10.000	1.000	0.250	0.000	5.000	-
ii	Road	1.000	150.000	12.000	0.330	0.000	594.000	-
Total Quantity					599 Cft (Cubic Foot)		16.9617632 Cum (Cubic Meter)	
Amount					16.9617632 X 7402.31195538		125556.26	

#### 5. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	10.000	0.000	4.000	0.000	160.000	-

ii	side	2.000	2.000	1.500	4.000	0.000	24.000	-
iii	cut off road	4.000	150.000	0.000	0.580	0.000	348.000	-
iv	road	2.000	150.000	0.000	0.330	0.000	99.000	-
Total Quantity					631 Sft (Square Foot)		58.621793 Sqm (Square Meter)	
Amount					58.621793 X 216.23489289764		12676.08	
Total Amount							290998.60	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							4962.00	
Any Other Lumpsum (+) @							1039.40	
Provision for survey investigation and quality control (+) @								
Total Addition							9001.40	
Grand Net Total Amount							300000.00	

**Ratikanta Lenka**  
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AEE  
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