

## Detailed Estimate

**OD/361/3452/119456/385946/00015561 : CONSTRUCTION OF CC ROAD FROM NIRANJAN MAHANTA HOUSE TO  
RAGHUNATH MAHANTA HOUSE TULASIPUR  
Block : Kendujhar Sadar, Panchayat : Kandaraposi  
Created By:Ranjan Kumar Swain**

<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	99.300	0.830	0.500	0.000	82.419	-
Total Quantity						82.419 Cft (Cubic Foot)	2.3338423392 Cum (Cubic Meter)	
Amount						2.3338423392 X 235.56432	549.77	
<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	99.300	0.830	0.330	0.000	54.397	-
ii	Road base	1.000	99.300	10.330	0.250	0.000	256.442	-
Total Quantity						310.83879 Cft (Cubic Foot)	8.801959848672 Cum (Cubic Meter)	
Amount						8.801959848672 X 1144.761472	10076.14	
<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	Cut off	2.000	99.300	0.830	0.660	0.000	108.793	-

ii	Road base	1.000	99.300	10.330	0.330	0.000	338.504	-
Total Quantity					447.29685 Cft (Cubic Foot)		12.66601544208 Cum (Cubic Meter)	
Amount					12.66601544208 X 6245.65803234		79107.60	
<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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	99.300	12.000	0.330	0.000	393.228	-
Total Quantity					393.228 Cft (Cubic Foot)		11.1349586304 Cum (Cubic Meter)	
Amount					11.1349586304 X 7710.42903958		85855.31	
<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 centering 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	Cut off	4.000	99.300	0.000	0.500	0.000	198.600	-
ii	Road base	2.000	99.300	0.000	0.330	0.000	65.538	-
Total Quantity					264.138 Sft (Square Foot)		24.539212614 Sqm (Square Meter)	
Amount					24.539212614 X 215.22489289764		5281.45	
<b>Total Amount</b>							<b>180870.27</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1865.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							796.72	
<b>Total Addition</b>							<b>5661.72</b>	

Grand Net Total Amount	186531.99
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