

## Detailed Estimate

**OD/361/3452/119456/385946/00015536 : CONSTRUCTION OF CC ROAD FROM TULASIPUR BIDYADHAR MAHANTA  
HOUSE TO HAGAON BEHERI MAHANATA HOUSE  
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	76.250	0.830	0.500	0.000	63.288	-
<b>Total Quantity</b>					63.2875 Cft (Cubic Foot)		1.79209948 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.79209948 X 235.56432</b>		<b>422.15</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	76.250	0.830	0.330	0.000	41.770	-
ii	Road base	1.000	76.250	10.330	0.250	0.000	196.916	-
<b>Total Quantity</b>					238.685375 Cft (Cubic Foot)		6.7588060268 Cum (Cubic Meter)	
<b>Amount</b>					<b>6.7588060268 X 1144.761472</b>		<b>7737.22</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	76.250	0.830	0.660	0.000	83.540	-

ii	Road base	1.000	76.250	10.330	0.330	0.000	259.929	-
Total Quantity					343.468125 Cft (Cubic Foot)		9.725918202 Cum (Cubic Meter)	
Amount					9.725918202 X 6245.65803234		60744.76	
<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	76.250	12.000	0.330	0.000	301.950	-
Total Quantity					301.95 Cft (Cubic Foot)		8.55025776 Cum (Cubic Meter)	
Amount					8.55025776 X 7710.42903958		65926.16	
<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	76.250	0.000	0.500	0.000	152.500	-
ii	Road base	2.000	76.250	0.000	0.330	0.000	50.325	-
Total Quantity					202.825 Sft (Square Foot)		18.843050975 Sqm (Square Meter)	
Amount					18.843050975 X 215.22489289764		4055.49	
<b>Total Amount</b>							<b>138885.78</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							464.21	
<b>Total Addition</b>							<b>4902.21</b>	

<b>Grand Net Total Amount</b>	<b>143787.99</b>
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