

## Detailed Estimate

**OD/361/3452/119459/386068/00070085 : CONST.OF CC ROAD FROM SCHOOL TO CHANDAN MUNDA HOUSE AT  
MADARANGAJODI**

**Block : Kendujhar Sadar, Gram Panchayat : Mahadeijoda**

**Created By:Kandarpa Palei**

<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	Cutoff wall	2.000	220.000	0.830	0.500	0.000	182.600	-
<b>Total Quantity</b>						182.6 Cft (Cubic Foot)	5.17064768 Cum (Cubic Meter)	
<b>Amount</b>						<b>5.17064768 X 240.77592</b>	<b>1244.97</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	Cutoff wall	2.000	220.000	0.830	0.250	0.000	91.300	-
ii	Road base	1.000	220.000	10.330	0.250	0.000	568.150	-
<b>Total Quantity</b>						659.45 Cft (Cubic Foot)	18.67351376 Cum (Cubic Meter)	
<b>Amount</b>						<b>18.67351376 X 1053.089832</b>	<b>19664.89</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	Cutoff wall	2.000	220.000	0.830	0.660	0.000	241.032	-
ii	Road base	1.000	220.000	10.330	0.330	0.000	749.958	-
Total Quantity					990.99 Cft (Cubic Foot)		28.061665632 Cum (Cubic Meter)	
Amount					28.061665632 X 6088.79042774		170861.60	
<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 as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	220.000	12.000	0.330	0.000	871.200	-
Total Quantity					871.2 Cft (Cubic Foot)		24.66959616 Cum (Cubic Meter)	
Amount					24.66959616 X 7565.18091938		186629.96	
<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 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	Cutoff wall	4.000	220.000	0.000	0.500	0.000	440.000	-
ii	Road base	2.000	220.000	0.000	0.330	0.000	145.200	-
Total Quantity					585.2 Sft (Square Foot)		54.3668356 Sqm (Square Meter)	
Amount					54.3668356 X 216.23489289764		11756.01	
Total Amount							390157.42	
Addition								

Provision for Contingency (+) @	3901.57
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	941.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9842.57</b>
<b>Grand Net Total Amount</b>	<b>400000.00</b>

**Kandarpa Palei**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
**Kendujhar Sadar Block**