

## Detailed Estimate

OD/361/3452/119465/386016/00072482 : CONST. OF CC ROAD FROM RAJENDRA DEO HOUSE TO RANJAN DAS HOUSE

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	203.000	0.830	0.500	0.000	168.490	-
Total Quantity					168.49 Cft (Cubic Foot)		4.771097632 Cum (Cubic Meter)	
Amount					4.771097632 X 240.77592		1148.77	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	19.000	22.080	0.250	0.000	104.880	-
ii		1.000	50.000	14.330	0.250	0.000	179.125	-
iii		1.000	50.000	12.915	0.250	0.000	161.438	-
iv		1.000	50.000	12.830	0.250	0.000	160.375	-
v		1.000	34.000	12.665	0.250	0.000	107.652	-
Total Quantity					713.47 Cft (Cubic Foot)		20.203187296 Cum (Cubic Meter)	
Amount					20.203187296 X 1053.089832		21275.77	

**3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

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	cut off	2.000	203.000	0.830	0.500	0.000	168.490	-
ii	road	1.000	19.000	22.080	0.250	0.000	104.880	-
iii		1.000	50.000	14.330	0.250	0.000	179.125	-
iv		1.000	50.000	12.915	0.250	0.000	161.438	-
v		1.000	50.000	12.830	0.250	0.000	160.375	-
vi		1.000	34.000	12.665	0.250	0.000	107.652	-
Total Quantity					881.96 Cft (Cubic Foot)		24.974284928 Cum (Cubic Meter)	
Amount					24.974284928 X 6075.04023724		151719.79	

**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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	19.000	22.080	0.200	0.000	83.904	-
ii		1.000	50.000	14.330	0.210	0.000	150.465	-
iii		1.000	50.000	12.915	0.250	0.000	161.438	-
iv		1.000	50.000	12.830	0.200	0.000	128.300	-
v		1.000	34.000	12.665	0.250	0.000	107.652	-
Total Quantity					631.759 Cft (Cubic Foot)		17.8893932512 Cum (Cubic Meter)	

<b>Amount</b>		17.8893932512 X 7545.78654588		134989.54				
<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		2.000	203.000	0.000	0.750	0.000	304.500	-
Total Quantity					304.5 Sft (Square Foot)		28.2889635 Sqm (Square Meter)	
<b>Amount</b>		28.2889635 X 216.23489289764		6117.06				
<b>Total Amount</b>		315250.93						
<b>Addition</b>								
Provision for Contingency (+) @		3247.00						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @		1180.07						
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>		9427.07						
<b>Grand Net Total Amount</b>		324678.00						

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