

Detailed Estimate

**OD/361/3452/119462/386181/00067330 : CONST. OF CC ROAD FROM RAMA MAHAKUD HOUSE TO KAILAS
MAHANTA HOUSE**

Block : Kendujhar Sadar, Gram Panchayat : Naranpur

Created By: Samir Kabi

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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 wall	2.000	47.580	0.250	0.150	0.000	3.569	-
ii		2.000	9.150	0.250	0.150	0.000	0.686	-
iii		2.000	3.250	0.250	0.150	0.000	0.244	-
iv		1.000	8.040	0.250	0.150	0.000	0.302	-
v		1.000	25.000	3.000	0.100	0.000	7.500	-
Total Quantity					12.3 cum (cum)		12.3 Cum (Cubic Meter)	
Amount					12.3 X 240.77592		2961.54	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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	cut off wall	2.000	47.580	0.250	0.050	0.000	1.190	-
ii		2.000	9.150	0.250	0.050	0.000	0.229	-
iii		2.000	3.250	0.250	0.050	0.000	0.081	-
iv		1.000	8.040	0.250	0.050	0.000	0.101	-
v	road surface	1.000	47.580	3.250	0.075	0.000	11.598	-

vi		1.000	9.150	8.040	0.075	0.000	5.517	-
Total Quantity					18.715075 cum (cum)		18.715075 Cum (Cubic Meter)	
Amount					18.715075 X 929.304232		17392.00	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off wall	2.000	47.580	0.250	0.050	0.000	1.190	-
ii		2.000	9.150	0.250	0.050	0.000	0.229	-
iii		2.000	3.250	0.250	0.050	0.000	0.081	-
iv		1.000	8.040	0.250	0.050	0.000	0.101	-
v	road surface	1.000	47.580	3.250	0.100	0.000	15.464	-
vi		1.000	9.150	8.040	0.100	0.000	7.357	-
Total Quantity					24.4201 cum (cum)		24.4201 Cum (Cubic Meter)	
Amount					24.4201 X 5685.14216024		138831.74	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road surface	1.000	47.580	3.750	0.075	0.000	13.382	-
ii		1.000	9.150	8.540	0.075	0.000	5.861	-
Total Quantity					19.24245 cum (cum)		19.24245 Cum (Cubic Meter)	

Amount		19.24245 X 7167.24995888		137915.45				
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	cut off wall	4.000	47.580	0.150	0.000	0.000	28.548	-
ii		4.000	9.150	0.150	0.000	0.000	5.490	-
iii		4.000	3.250	0.150	0.000	0.000	1.950	-
iv		2.000	8.040	0.150	0.000	0.000	2.412	-
Total Quantity					38.4 Sqm (Sqm)		38.4 Sqm (Square Meter)	
Amount		38.4 X 216.23489289764		8303.42				
Total Amount		305404.15						
Addition								
Provision for Contingency (+) @		3128.00						
Display Citizen Board (+) @		4296.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		7424.00						
Grand Net Total Amount		312828.15						

Samir Kabi
JE
Kendujhar Sadar Block

Sabyasachi Pradhan
AEE
Kendujhar Sadar Block

Binod Chandra Panda
BDO
Kendujhar Sadar Block