

Detailed Estimate

**OD/361/3452/119454/385966/00068189 : CONS OF CC/PAVER ROAD FROM RD ROAD TO GOPAL BANDHA SAHI,
KAINSI**

Block : Kendujhar Sadar, Gram Panchayat : Handibhanga

Created By: Siddhartha Sankar Parida

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Cutoff	2.000	380.000	0.833	0.500	0.000	316.540	-	
ii	cutoff	1.000	10.330	0.833	0.500	0.000	4.302	-	
iii	Levelling Road	1.000	325.000	12.000	0.330	0.000	1287.000	-	
Total Quantity					1607.842445 Cft (Cubic Foot)		45.528952946576 Cum (Cubic Meter)		
Amount					45.528952946576 X 240.77592		10962.28		
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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Cutoff	2.000	380.000	0.833	0.330	0.000	208.916	-	
ii		1.000	10.330	0.833	0.330	0.000	2.840	-	
iii	Road	1.000	379.166	10.330	0.250	0.000	979.196	-	
Total Quantity					1190.9522087 Cft (Cubic Foot)		33.723955503316 Cum (Cubic Meter)		
Amount					33.723955503316 X 1127.425832		38021.26		

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	cutoff	2.000	380.000	0.833	0.416	0.000	263.361	-
ii		1.000	10.330	0.833	0.416	0.000	3.580	-
iii		1.000	380.000	12.000	0.330	0.000	1504.800	-
Total Quantity					1771.74091424 Cft (Cubic Foot)		50.170033120351 Cum (Cubic Meter)	
Amount					50.170033120351 X 6160.09228674		309052.03	

4. 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	Length side	2.000	380.000	0.000	0.916	0.000	696.160	-
ii		2.000	379.160	0.000	0.250	0.000	189.580	-
iii		1.000	10.330	0.000	0.250	0.000	2.583	-
iv		1.000	12.000	0.000	0.833	0.000	9.996	-
Total Quantity					898.3185 Sft (Square Foot)		83.4564836055 Sqm (Square Meter)	
Amount					83.4564836055 X 216.23489289764		18046.20	

5. 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		1.000	380.000	12.000	0.250	0.000	1140.000	-
Total Quantity					1140 Cft (Cubic Foot)		32.281152 Cum (Cubic Meter)	
Amount					32.281152 X 7619.01927238		245950.72	
6. Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift								
Earth work in all kinds of soil 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 direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sides	2.000	325.000	0.500	0.500	0.000	162.500	-
Total Quantity					162.5 Cft (Cubic Foot)		4.60148 Cum (Cubic Meter)	
Amount					4.60148 X 220.96043508		1016.75	
Total Amount							623049.24	
Addition								
Provision for Contingency (+) @							6360.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1590.76	
Provision for survey investigation and quality control (+) @								
Total Addition							12950.76	
Grand Net Total Amount							636000.00	

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