

Detailed Estimate

OD/352/3350/117263/403192/00100822 : Construction of CC Road from Nagena Dola mandap to Bada Jora
Block : Dhenkanal Sadar, Gram Panchayat : Chaulia
Created By:CHINMAYEE DASH

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	cutoff	2.000	203.000	1.000	0.500	0.000	203.000	-
Total Quantity					203 Cft (Cubic Foot)		5.7483104 Cum (Cubic Meter)	
Amount					5.7483104 X 240.77592		1384.05	
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	cutoff	2.000	203.000	1.000	0.160	0.000	64.960	-
ii	bed	1.000	203.000	10.330	0.250	0.000	524.247	-
Total Quantity					589.2075 Cft (Cubic Foot)		16.684470936 Cum (Cubic Meter)	
Amount					16.684470936 X 586.207232		9780.56	
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	cutoff	2.000	203.000	0.830	0.830	0.000	279.693	-
ii	bed	1.000	203.000	10.330	0.330	0.000	692.007	-

Total Quantity	971.7001 Cft (Cubic Foot)	27.51543739168 Cum (Cubic Meter)
Amount	27.51543739168 X 5369.52040234	147744.70

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	203.000	12.000	0.250	0.000	609.000	-
Total Quantity					609 Cft (Cubic Foot)		17.2449312 Cum (Cubic Meter)	
Amount					17.2449312 X 6838.17304158		117923.82	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	4.000	203.000	0.000	0.830	0.000	673.960	-
ii	bed	2.000	203.000	0.000	0.250	0.000	101.500	-
Total Quantity					775.46 Sft (Square Foot)		72.04256038 Sqm (Square Meter)	
Amount					72.04256038 X 216.39264180804		15589.48	

Total Amount (A) : 292422.62

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2924.226183027
2	Display Citizen Board @ Rs.4653	-	4653

Additional Components Amount (F) : 7577.226183027

Grand Total Amount (A + F) : 299999.84448573

**JE
Dhenkanal Sadar Block**

**Lipika Moharana
AEE
Dhenkanal Sadar Block**

**Rahul Mandal
BDO
Dhenkanal Sadar Block**