

Detailed Estimate

OD/352/3350/117263/403184/00100827 : Construction of C C Road from Tavapal Mandap to Ganesh Das House
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	163.000	1.000	0.500	0.000	163.000	-
Total Quantity						163 Cft (Cubic Foot)	4.6156384 Cum (Cubic Meter)	
Amount						4.6156384 X 240.77592	1111.33	
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	163.000	1.000	0.160	0.000	52.160	-
ii		1.000	163.000	13.330	0.330	0.000	717.021	-
Total Quantity						769.1807 Cft (Cubic Foot)	21.78073604576 Cum (Cubic Meter)	
Amount						21.78073604576 X 586.207232	12768.02	
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	bed	1.000	163.000	13.330	0.330	0.000	717.021	-
ii	cutoff	2.000	163.000	0.830	0.910	0.000	246.228	-

Total Quantity	963.2485 Cft (Cubic Foot)	27.2761151248 Cum (Cubic Meter)
Amount	27.2761151248 X 5369.52040234	146459.66

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	163.000	15.000	0.250	0.000	611.250	-
Total Quantity						611.25 Cft (Cubic Foot)	17.308644 Cum (Cubic Meter)	
Amount						17.308644 X 6838.17304158	118359.50	

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	cutoff	4.000	163.000	0.000	0.910	0.000	593.320	-
ii	bed	2.000	163.000	0.000	0.250	0.000	81.500	-
Total Quantity						674.82 Sft (Square Foot)	62.69280246 Sqm (Square Meter)	
Amount						62.69280246 X 216.39264180804	13566.26	

Total Amount (A) : 292264.78

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2922.6478016342
2	Display Citizen Board @ Rs.4812	-	4812

Additional Components Amount (F) : 7734.6478016342

Grand Total Amount (A + F) : 299999.42796505

**JE
Dhenkanal Sadar Block**

**Lipika Moharana
AEE
Dhenkanal Sadar Block**

**Rahul Mandal
BDO
Dhenkanal Sadar Block**