

Detailed Estimate

OD/359/3432/119002/415980/00105758 : CONST OF CC ROAD FROM BALIGADA TO NEDIGUDA GHATI

Block : Tikabali, Gram Panchayat : Gardingia

Created By:SWAGAT CHOUDURY

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	259.500	0.667	0.667	0.000	230.897	-
Total Quantity						230.897391 Cft (Cubic Foot)	6.5382752414688 Cum (Cubic Meter)	
Amount						6.5382752414688 X 240.77592	1574.26	
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	259.500	0.667	0.250	0.000	86.543	-
ii	Road	1.000	259.500	10.667	0.330	0.000	913.469	-
Total Quantity						1000.011795 Cft (Cubic Foot)	28.317133996656 Cum (Cubic Meter)	
Amount						28.317133996656 X 570.107832	16143.82	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	259.500	0.667	1.083	0.000	374.905	-
ii	road	1.000	259.500	10.667	0.330	0.000	913.469	-

Total Quantity	1288.373904 Cft (Cubic Foot)	36.482626164787 Cum (Cubic Meter)
Amount	36.482626164787 X 5256.94555994	191787.18

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	road	1.000	259.500	12.000	0.250	0.000	778.500	-
Total Quantity					778.5 Cft (Cubic Foot)		22.0446288 Cum (Cubic Meter)	
Amount					22.0446288 X 7507.93931078		165509.74	

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	259.500	0.000	0.667	0.000	692.346	-
ii	road	2.000	259.500	0.000	0.250	0.000	129.750	-
Total Quantity					822.096 Sft (Square Foot)		76.375184688 Sqm (Square Meter)	
Amount					76.375184688 X 216.23489289764		16514.98	

Total Amount (A) : 391529.97

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.4470	-	4470

Additional Components Amount (F) : 8470

Grand Total Amount (A + F) : 399999.97377981

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