

Detailed Estimate

OD/366/3521/120568/427998/00107119 : CONST OF CC ROAD AT CHALANMUNDA
Block : Tentulikhunti, Gram Panchayat : Pujariguda
Created By:UMAKANTA SAHANI

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	85.000	0.150	0.100	1.000	2.550	-
ii	Road	1.000	85.000	3.200	0.250	1.000	68.000	-
Total Quantity						70.55 cum (cum)	70.55 Cum (Cubic Meter)	
Amount						70.55 X 240.77592	16986.74	
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	85.000	0.150	0.050	1.000	1.275	-
ii	Road	1.000	85.000	3.200	0.100	1.000	27.200	-
Total Quantity						28.475 cum (cum)	28.475 Cum (Cubic Meter)	
Amount						28.475 X 535.707232	15254.26	
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	85.000	0.150	0.100	1.000	2.550	-
ii	Road	1.000	85.000	3.200	0.100	1.000	27.200	-

Total Quantity	29.75 cum (cum)	29.75 Cum (Cubic Meter)
Amount	29.75 X 5217.6713928	155225.72

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	85.000	0.000	0.175	1.000	29.750	-
Total Quantity							29.75 Sqm (Sqm)	29.75 Sqm (Square Meter)
Amount							29.75 X 216.23489289764	6432.99

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	85.000	3.500	0.075	1.000	22.313	-
Total Quantity							22.3125 cum (cum)	22.3125 Cum (Cubic Meter)
Amount							22.3125 X 6744.7772326	150492.84

Total Amount (A) : 344392.56

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3500	-	3500
2	Display Citizen Board @ Rs.2107	-	2107

Additional Components Amount (F) : 5607

Grand Total Amount (A + F) : 349999.55858909

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