

Detailed Estimate

OD/345/3291/115907/420015/00104767 : Construction of CC road from Phatabahal RD road to Kusmel Metakani road
0 to 85mt

Block : Loisinga, Gram Panchayat : Kusmel

Created By:Niranjan Moharana

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	223.000	0.750	0.750	0.000	250.875	-
Total Quantity						250.875 Cft (Cubic Foot)	7.1039772 Cum (Cubic Meter)	
Amount						7.1039772 X 240.77592	1710.47	
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	Bed	1.000	223.000	10.500	0.330	0.000	772.695	-
ii	Cutoff	2.000	223.000	0.750	0.160	0.000	53.520	-
Total Quantity						826.215 Cft (Cubic Foot)	23.395764912 Cum (Cubic Meter)	
Amount						23.395764912 X 571.057232	13360.32	
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	223.000	10.500	0.330	0.000	772.695	-

ii	Cutoff	2.000	223.000	0.750	0.750	0.000	250.875	-
Total Quantity					1023.57 Cft (Cubic Foot)		28.984226976 Cum (Cubic Meter)	
Amount					28.984226976 X 5109.54397026		148096.18	

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 Side	2.000	223.000	0.000	0.330	0.000	147.180	-
ii	Cutoff	4.000	223.000	0.000	0.750	0.000	669.000	-
Total Quantity					816.18 Sft (Square Foot)		75.82557054 Sqm (Square Meter)	
Amount					75.82557054 X 216.23489289764		16396.13	

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	CC Road	1.000	223.000	12.000	0.330	0.000	883.080	-
Total Quantity					883.08 Cft (Cubic Foot)		25.005999744 Cum (Cubic Meter)	
Amount					25.005999744 X 6589.57134262		164778.82	

Total Amount (A) : 344341.92

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	3443.4192300627

2	Display Citizen Board @ Rs.2214	-	2214
Additional Components Amount (F) : 5657.4192300627			
Grand Total Amount (A + F) : 349999.34223633			

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Loisinga Block

Sidhartha Padhi
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