

Detailed Estimate

OD/366/3521/120566/428090/00107390 : CONST OF CC ROAD PRADHANI SAHI TO GOUDA SAHI AT KHATIGUDA
Block : Tentulikhunti, Gram Panchayat : Parajabarangpadar
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	71.000	0.150	0.100	1.000	2.130	-
ii	Road	1.000	71.000	3.350	0.150	1.000	35.678	-
Total Quantity						37.8075 cum (cum)	37.8075 Cum (Cubic Meter)	
Amount						37.8075 X 240.77592	9103.14	
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	71.000	0.150	0.050	1.000	1.065	-
ii	Road	1.000	71.000	3.350	0.100	1.000	23.785	-
Total Quantity						24.85 cum (cum)	24.85 Cum (Cubic Meter)	
Amount						24.85 X 535.707232	13312.32	
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	Cutoff	2.000	71.000	0.150	0.100	1.000	2.130	-
ii	Road	1.000	71.000	3.350	0.100	1.000	23.785	-

Total Quantity	25.915 cum (cum)	25.915 Cum (Cubic Meter)
Amount	25.915 X 5217.6713928	135215.95

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	71.000	0.000	0.175	1.000	24.850	-
Total Quantity							24.85 Sqm (Sqm)	24.85 Sqm (Square Meter)
Amount							24.85 X 216.23489289764	5373.44

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	Road	1.000	71.000	3.650	0.075	1.000	19.436	-
Total Quantity							19.43625 cum (cum)	19.43625 Cum (Cubic Meter)
Amount							19.43625 X 6744.7772326	131093.18

Total Amount (A) : 294098.03

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.2901	-	2901

Additional Components Amount (F) : 5901

Grand Total Amount (A + F) : 299999.02803064

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Manoj Kumar Panigrahi
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