

Detailed Estimate

OD/360/3438/119140/397092/00104937 : Construction of road from GaudaBadapur matha to nadi tutha at gaudabadapur

Block : Mahakalapada, Gram Panchayat : Mahakalapada

Created By: ANUJA KUMAR JENA

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	78.000	0.200	0.200	0.000	6.240	-
Total Quantity						6.24 cum (cum)	6.24 Cum (Cubic Meter)	
Amount						6.24 X 240.77592	1502.44	
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	78.000	0.200	0.050	0.000	1.560	-
ii	Surface	1.000	78.000	2.300	0.050	0.000	8.970	-
Total Quantity						10.53 cum (cum)	10.53 Cum (Cubic Meter)	
Amount						10.53 X 644.120632	6782.59	
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	78.000	0.200	0.200	0.000	6.240	-
ii	Surface	1.000	78.000	2.700	0.080	0.000	16.848	-
Total Quantity						23.088 cum (cum)	23.088 Cum (Cubic Meter)	

Amount	23.088 X 6305.15126626	145573.33
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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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Surface	1.000	78.000	2.700	0.080	0.000	16.848	-
Total Quantity							16.848 cum (cum)	16.848 Cum (Cubic Meter)
Amount							16.848 X 7793.62375362	131306.97

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	Road(O/S)	2.000	78.000	0.000	0.300	0.000	46.800	-
Total Quantity							46.8 Sqm (Sqm)	46.8 Sqm (Square Meter)
Amount							46.8 X 216.23489289764	10119.79

Total Amount (A) : 295285.13

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.1714	-	1714

Additional Components Amount (F) : 4714

Grand Total Amount (A + F) : 299999.13041977

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