

Detailed Estimate

OD/350/3336/116946/399130/00110281 : Construction of CC Road from Railway Bridge to Adheiakshyara Chhaka
Block : Baranga, Gram Panchayat : Naraj Marthapur
Created By: Buddhadev 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	Road Cutoff	2.000	76.000	0.225	0.150	0.000	5.130	-
Total Quantity						5.13 cum (cum)	5.13 Cum (Cubic Meter)	
Amount						5.13 X 240.77592	1235.18	
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	Road Cutoff	2.000	76.000	0.225	0.050	0.000	1.710	-
ii	Road Base	1.000	76.000	3.200	0.100	0.000	24.320	-
Total Quantity						26.03 cum (cum)	26.03 Cum (Cubic Meter)	
Amount						26.03 X 586.207232	15258.97	
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	Road Cutoff	2.000	76.000	0.225	0.200	0.000	6.840	-
ii	Road Base	1.000	76.000	3.650	0.100	0.000	27.740	-
Total Quantity						34.58 cum (cum)	34.58 Cum (Cubic Meter)	

Amount						34.58 X 5937.07773386	205304.15	
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	76.000	0.000	0.275	0.000	41.800	-
Total Quantity							41.8 Sqm (Sqm)	41.8 Sqm (Square Meter)
Amount							41.8 X 216.23489289764	9038.62
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 Wearing Coat	1.000	76.000	3.650	0.075	0.000	20.805	-
Total Quantity							20.805 cum (cum)	20.805 Cum (Cubic Meter)
Amount							20.805 X 7409.04425582	154145.17
Total Amount (A) : 384982.09								
Additional Components								
#	Item Name		Remark			Amount (in Rs.)		
1	Provision for Contingency @ 1%		-			3849.820870209		
2	Display Citizen Board @ Rs.5000		-			5000		
3	Any Other Lumpsum @ Rs.6168		EGB & Vibrator			6168		
Additional Components Amount (F) : 15017.820870209								

Grand Total Amount (A + F) : 399999.9078911

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