

Detailed Estimate

OD/346/3309/116332/394007/00117657 : Repair and Restoration of road from Biripada Pola Chhak to Manas Nayak house

Block : Soro, Gram Panchayat : Tentei

Created By:Subal Chandra Mallik

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	Cut Off	2.000	16.000	0.830	0.500	0.000	13.280	-
Total Quantity						13.28 Cft (Cubic Foot)	0.376047104 Cum (Cubic Meter)	
Amount						0.376047104 X 240.77592	90.54	
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	Cut off	2.000	16.000	0.830	0.160	0.000	4.250	-
ii	Base	1.000	16.000	8.000	0.250	0.000	32.000	-
Total Quantity						36.2496 Cft (Cubic Foot)	1.02647267328 Cum (Cubic Meter)	
Amount						1.02647267328 X 1493.995232	1533.55	
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	Cut Off	2.000	16.000	0.830	0.920	0.000	24.435	-

ii	Base	1.000	16.000	6.340	0.330	0.000	33.475	-
Total Quantity					57.9104 Cft (Cubic Foot)		1.63983721472 Cum (Cubic Meter)	
Amount					1.63983721472 X 6181.23184126		10136.21	

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	Cut Off	4.000	16.000	0.920	0.000	0.000	58.880	-
ii	Road	2.000	16.000	0.250	0.000	0.000	8.000	-
Total Quantity					66.88 Sft (Square Foot)		6.21335264 Sqm (Square Meter)	
Amount					6.21335264 X 216.23489289764		1343.54	

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	16.000	8.000	0.250	0.000	32.000	-
Total Quantity					32 Cft (Cubic Foot)		0.9061376 Cum (Cubic Meter)	
Amount					0.9061376 X 7621.83547962		6906.43	

Total Amount (A) : 20010.28

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.200	-	200

2	Display Citizen Board @ Rs.500	-	500
3	Any Other Lumpsum @ Rs.289.72	Vibrator	289.72
Additional Components Amount (F) : 989.72			
Grand Total Amount (A + F) : 20999.997724941			

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