

Detailed Estimate

OD/346/3305/116239/393151/00105735 : Repair and restoration of road from paramananda gochhayta house to tubewell chhaka podasul

Block : Nilgiri, Gram Panchayat : Jadida

Created By: BABITA BEHERA

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	10.000	0.500	0.330	0.000	3.300	-
Total Quantity						3.3 Cft (Cubic Foot)	0.09344544 Cum (Cubic Meter)	
Amount						0.09344544 X 240.77592	22.50	
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	10.000	0.500	0.160	0.000	1.600	-
ii	Road	1.000	10.000	9.250	0.250	0.000	23.125	-
Total Quantity						24.725 Cft (Cubic Foot)	0.70013288 Cum (Cubic Meter)	
Amount						0.70013288 X 1079.329632	755.67	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 Wall	2.000	10.000	0.500	0.410	0.000	4.100	-

ii	Road	1.000	10.000	10.250	0.250	0.000	25.625	-
Total Quantity					29.725 Cft (Cubic Foot)		0.84171688 Cum (Cubic Meter)	
Amount					0.84171688 X 5940.89708926		5000.55	

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	Road	1.000	10.000	10.250	0.250	0.000	25.625	-
Total Quantity					25.625 Cft (Cubic Foot)		0.725618 Cum (Cubic Meter)	
Amount					0.725618 X 7585.49365962		5504.17	

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	cutoff	2.000	10.000	0.000	0.250	2.000	10.000	-
ii	road	1.000	10.000	0.000	0.540	2.000	10.800	-
Total Quantity					20.8 Sft (Square Foot)		1.9323824 Sqm (Square Meter)	
Amount					1.9323824 X 216.23489289764		417.85	

Total Amount (A) : 11700.75

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.120	-	120

2	Display Citizen Board @ Rs.179.25	-	179.25
Additional Components Amount (F) : 299.25			
Grand Total Amount (A + F) : 11999.996177488			

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