

Detailed Estimate

OD/346/3305/116239/393151/00105712 : Repair and restoration of road from dengasahi field to tubewell chhaka
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	24.000	0.500	0.330	0.000	7.920	-
Total Quantity						7.92 Cft (Cubic Foot)	0.224269056 Cum (Cubic Meter)	
Amount						0.224269056 X 240.77592	54.00	
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	24.000	0.500	0.160	0.000	3.840	-
ii	Road	1.000	12.000	11.000	0.160	0.000	21.120	-
iii		1.000	12.000	11.500	0.160	0.000	22.080	-
Total Quantity						47.04 Cft (Cubic Foot)	1.332022272 Cum (Cubic Meter)	
Amount						1.332022272 X 1079.329632	1437.69	
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	24.000	0.500	0.580	0.000	13.920	-

ii	road	1.000	12.000	11.000	0.250	0.000	33.000	-
iii		1.000	12.000	11.500	0.250	0.000	34.500	-
Total Quantity					81.42 Cft (Cubic Foot)		2.305553856 Cum (Cubic Meter)	
Amount					2.305553856 X 5940.89708926		13697.06	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	12.000	12.000	0.208	0.000	29.952	-
ii		1.000	12.000	12.500	0.208	0.000	31.200	-
Total Quantity					61.152 Cft (Cubic Foot)		1.7316289536 Cum (Cubic Meter)	
Amount					1.7316289536 X 7585.49365962		13135.26	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	24.000	0.000	0.410	2.000	39.360	-
ii	road	1.000	24.000	0.000	0.208	2.000	9.984	-
Total Quantity					49.344 Sft (Square Foot)		4.584205632 Sqm (Square Meter)	
Amount					4.584205632 X 216.23489289764		991.27	

Total Amount (A) : 29315.27

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.300	-	300
2	Display Citizen Board @ Rs.231.72	-	231.72
3	Any Other Lumpsum @ Rs.153	Hire Charges of Vibrator	153
Additional Components Amount (F) : 684.72			
Grand Total Amount (A + F) : 29999.993551386			

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