

Detailed Estimate

OD/346/3305/116246/393255/00068133 : Const of CC road from gangadhar panda crop field to Basuli thakurani
Block : Nilgiri, Gram Panchayat : Matiali
Created By: Bharat Singh

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 wall	2.000	150.000	0.750	0.660	0.000	148.500	-
Total Quantity						148.5 Cft (Cubic Foot)	4.2050448 Cum (Cubic Meter)	
Amount						4.2050448 X 240.77592	1012.47	
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		2.000	150.000	0.750	0.330	0.000	74.250	-
ii		1.000	50.000	11.415	0.330	0.000	188.348	-
iii		1.000	50.000	11.625	0.330	0.000	191.812	-
iv		1.000	50.000	11.705	0.330	0.000	193.133	-
Total Quantity						647.5425 Cft (Cubic Foot)	18.336331464 Cum (Cubic Meter)	
Amount						18.336331464 X 895.226832	16415.18	
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		2.000	150.000	0.750	0.660	0.000	148.500	-
ii		1.000	50.000	12.915	0.330	0.000	213.098	-
iii		1.000	50.000	13.125	0.330	0.000	216.562	-
iv		1.000	50.000	13.205	0.330	0.000	217.883	-
Total Quantity					796.0425 Cft (Cubic Foot)		22.541376264 Cum (Cubic Meter)	
Amount					22.541376264 X 6324.54377126		142563.92	

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		1.000	50.000	12.915	0.290	0.000	187.268	-
ii		1.000	50.000	13.125	0.290	0.000	190.312	-
iii		1.000	50.000	13.205	0.290	0.000	191.473	-
Total Quantity					569.0525 Cft (Cubic Foot)		16.113745832 Cum (Cubic Meter)	
Amount					16.113745832 X 7782.20469362		125400.47	

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		2.000	2.000	160.000	0.500	0.000	320.000	-
ii		1.000	2.000	150.000	0.660	0.000	198.000	-
Total Quantity					518 Sft (Square Foot)		48.123754 Sqm (Square Meter)	
Amount					48.123754 X 216.23489289764		10406.03	

Total Amount (A) : 295798.07

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1000	-	1000
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.201.9	VIBRATOR ETC	201.9

Additional Components Amount (F) : 4201.9

Grand Total Amount (A + F) : 299999.9735411

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