

Detailed Estimate

OD/346/3305/116235/393297/00068417 : Const of Cc road from Water Tank to Khaya Sing House
Block : Nilgiri, Gram Panchayat : Chatrapur
Created By:BAIDYANATH 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	Wall	2.000	178.000	0.750	0.500	0.000	133.500	-
Total Quantity						133.5 Cft (Cubic Foot)	3.7802928 Cum (Cubic Meter)	
Amount						3.7802928 X 240.77592	910.20	
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	wall	2.000	178.000	0.750	0.160	0.000	42.720	-
ii	Base	1.000	178.000	8.500	0.330	0.000	499.290	-
Total Quantity						542.01 Cft (Cubic Foot)	15.347988768 Cum (Cubic Meter)	
Amount						15.347988768 X 1184.531232	18180.17	
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	Wall	2.000	178.000	0.750	0.830	0.000	221.610	-
ii	Base	1.000	178.000	8.500	0.330	0.000	499.290	-

Total Quantity	720.9 Cft (Cubic Foot)	20.41358112 Cum (Cubic Meter)
Amount	20.41358112 X 6335.20810876	129324.28

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	Wall	2.000	178.000	2.000	0.660	0.000	469.920	-
ii	Base	1.000	178.000	2.000	0.330	0.000	117.480	-
Total Quantity					587.4 Sft (Square Foot)		54.5712222 Sqm (Square Meter)	
Amount					54.5712222 X 216.23489289764		11800.20	

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	Base	1.000	178.000	10.000	0.330	0.000	587.400	-
Total Quantity					587.4 Cft (Cubic Foot)		16.63328832 Cum (Cubic Meter)	
Amount					16.63328832 X 7785.69894012		129501.78	

Total Amount (A) : 289716.64

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2897.1663779257
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.2386	Vaibrater	2386
Additional Components Amount (F) : 10283.166377926			
Grand Total Amount (A + F) : 299999.8041705			

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Sarat kumar Upadhyay
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