

Detailed Estimate

OD/346/3301/116125/392363/00075919 : Construction of CC road from Junabalada RD road to Rabindra Das House
Block : Basta, Gram Panchayat : Kulida
Created By:PRAKASH CHANDRA NAIK

1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift								
Earth work in ordinary soil 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 direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off Wall	2.000	239.000	0.750	0.750	0.000	268.875	-
ii	Guard Wall	1.000	50.000	2.580	4.500	0.000	580.500	-
Total Quantity						849.375 Cft (Cubic Foot)	24.051582 Cum (Cubic Meter)	
Amount						24.051582 X 149.3184		3591.34
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 Wall	2.000	239.000	0.750	0.250	0.000	89.625	-
ii	Guard Wall	1.000	50.000	2.580	0.330	0.000	42.570	-
iii	Road Bed	1.000	50.000	6.830	0.330	0.000	112.695	-
iv	Road Bed	1.000	18.000	7.330	0.330	0.000	43.540	-
v	Road Bed	1.000	17.000	11.000	0.330	0.000	61.710	-
vi	Road bed	1.000	50.000	7.660	0.330	0.000	126.390	-
vii	Road Bed	1.000	20.000	9.750	0.330	0.000	64.350	-
viii	Road Bed	1.000	30.000	11.910	0.330	0.000	117.909	-
ix	Road Bed	1.000	54.000	7.660	0.330	0.000	136.501	-
Total Quantity						795.2904 Cft (Cubic Foot)	22.52007919872 Cum (Cubic Meter)	

Amount						22.52007919872 X 1282.804232	28888.85	
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	Cut Off Wall	2.000	239.000	0.750	0.500	0.000	179.250	-
ii	Above G,L. Cut off Wall	2.000	238.000	0.750	0.330	0.000	117.810	-
iii	Guard Wall Base	1.000	50.000	2.580	0.330	0.000	42.570	-
iv	Guard Wall	1.000	50.000	2.580	4.500	0.000	580.500	-
v	Road Bed	1.000	50.000	8.330	0.330	0.000	137.445	-
vi	Road Bed	1.000	18.000	8.830	0.330	0.000	52.450	-
vii	Road Bed	1.000	17.000	12.500	0.330	0.000	70.125	-
viii	Road Bed	1.000	50.000	9.160	0.330	0.000	151.140	-
ix	Road Bed	1.000	20.000	11.250	0.330	0.000	74.250	-
x	Road bed	1.000	30.000	13.410	0.330	0.000	132.759	-
xi	Road Bed	1.000	54.000	9.160	0.330	0.000	163.231	-
Total Quantity						1701.5304 Cft (Cubic Foot)	48.18189603072 Cum (Cubic Meter)	
Amount						48.18189603072 X 6521.61961726	314224.00	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	50.000	8.330	0.290	0.000	120.785	-

ii	Road Bed	1.000	18.000	8.830	0.290	0.000	46.093	-
iii	Road Bed	1.000	17.000	12.500	0.290	0.000	61.625	-
iv	Road Bed	1.000	50.000	9.160	0.290	0.000	132.820	-
v	Road Bed	1.000	20.000	11.250	0.290	0.000	65.250	-
vi	Road Bed	1.000	30.000	13.410	0.290	0.000	116.667	-
vii	Road Bed	1.000	54.000	9.160	0.290	0.000	143.446	-
Total Quantity					686.6852 Cft (Cubic Foot)		19.44472747136 Cum (Cubic Meter)	
Amount					19.44472747136 X 8129.92102962		158084.10	

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	Cut off Wall	2.000	239.000	2.000	0.330	0.000	315.480	-
ii	Road Bed	1.000	239.000	2.000	0.620	0.000	296.360	-
iii	Guard Wall	1.000	50.000	1.000	1.000	0.000	50.000	-
Total Quantity					661.84 Sft (Square Foot)		61.48692152 Sqm (Square Meter)	
Amount					61.48692152 X 216.23489289764		13295.62	

Total Amount (A) : 518083.91

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5300	-	5300
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.1616	Vibrator	1616
Additional Components Amount (F) : 11916			
Grand Total Amount (A + F) : 529999.91166765			

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