

Detailed Estimate

OD/346/3301/116134/392170/00075346 : Const of CC road from beli Gouri Nayak house to Jaydev kamila house
Block : Basta, Gram Panchayat : Raghunathpur
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	282.000	0.750	0.750	0.000	317.250	-
Total Quantity						317.25 Cft (Cubic Foot)	8.9835048 Cum (Cubic Meter)	
Amount						8.9835048 X 149.3184	1341.40	
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	282.000	0.750	0.250	0.000	105.750	-
ii	Road Bed	1.000	50.000	6.500	0.330	0.000	107.250	-
iii	Road Bed	1.000	50.000	6.500	0.330	0.000	107.250	-
iv	Road Bed	1.000	50.000	6.500	0.330	0.000	107.250	-
v	Road Bed	1.000	50.000	6.500	0.330	0.000	107.250	-
vi	Road Bed	1.000	50.000	6.500	0.330	0.000	107.250	-
vii	Road Bed	1.000	32.000	6.500	0.330	0.000	68.640	-
Total Quantity						710.64 Cft (Cubic Foot)	20.123050752 Cum (Cubic Meter)	
Amount						20.123050752 X 1367.139232	27511.01	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off Wall	2.000	282.000	0.750	0.500	0.000	211.500	-
ii	Above G.L. Cut off Wall	2.000	282.000	0.750	0.330	0.000	139.590	-
iii	Road bed	1.000	50.000	8.500	0.330	0.000	140.250	-
iv	Road Bed	1.000	50.000	8.500	0.330	0.000	140.250	-
v	Road Bed	1.000	50.000	8.500	0.330	0.000	140.250	-
vi	Road Bed	1.000	50.000	8.500	0.330	0.000	140.250	-
vii	Road Bed	1.000	50.000	8.500	0.330	0.000	140.250	-
viii	Road Bed	1.000	32.000	8.500	0.330	0.000	89.760	-
Total Quantity							1142.1 Cft (Cubic Foot)	32.34061728 Cum (Cubic Meter)
Amount							32.34061728 X 6758.34745726	218569.13

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 Bed	1.000	50.000	8.500	0.290	0.000	123.250	-
ii	Road Bed	1.000	50.000	8.500	0.290	0.000	123.250	-
iii	Road Bed	1.000	50.000	8.500	0.290	0.000	123.250	-
iv	Road Bed	1.000	50.000	8.500	0.290	0.000	123.250	-
v	Road Bed	1.000	50.000	8.500	0.290	0.000	123.250	-
vi	Road Bed	1.000	32.000	8.500	0.290	0.000	78.880	-
Total Quantity							695.13 Cft (Cubic Foot)	19.683857184 Cum (Cubic Meter)

Amount						19.683857184 X 8351.85337962	164396.69	
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	282.000	2.000	0.330	0.000	372.240	-
ii	Road Bed	1.000	282.000	2.000	0.620	0.000	349.680	-
Total Quantity					721.92 Sft (Square Foot)		67.06853376 Sqm (Square Meter)	
Amount						67.06853376 X 216.23489289764	14502.56	

Total Amount (A) : 426320.79

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4371	-	4371
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.1409	Vibrator	1409
Additional Components Amount (F) : 10780			

Grand Total Amount (A + F) : 437100.78963476

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JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

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BDO
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