

Detailed Estimate

**OD/346/3308/116306/394234/00125052 : Construction of CC Road from Gouragadi Sureswar Temple to Ranital
Balikhhand RD Road**

Block : Simulia, Gram Panchayat : Maitapur

Created By: AJAYA MAJHI

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	186.000	0.670	0.500	0.000	124.620	-
Total Quantity						124.62 Cft (Cubic Foot)	3.528839616 Cum (Cubic Meter)	
Amount						3.528839616 X 240.77592	849.66	
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 Wall	2.000	186.000	0.670	0.160	0.000	39.878	-
ii	Road	1.000	186.000	8.670	0.330	0.000	532.165	-
Total Quantity						572.043 Cft (Cubic Foot)	16.1984272224 Cum (Cubic Meter)	
Amount						16.1984272224 X 1493.995232	24200.37	
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	186.000	0.670	1.000	0.000	249.240	-

ii	Road	1.000	186.000	8.670	0.330	0.000	532.165	-
Total Quantity					781.4046 Cft (Cubic Foot)		22.12687777728 Cum (Cubic Meter)	
Amount					22.12687777728 X 6105.90361726		135104.58	

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	Road	1.000	186.000	10.000	0.290	0.000	539.400	-
Total Quantity					539.4 Cft (Cubic Foot)		15.27408192 Cum (Cubic Meter)	
Amount					15.27408192 X 7740.18727962		118224.25	

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	Road	1.000	186.000	0.000	0.290	2.000	107.880	-
ii	Cutoff Wall	2.000	186.000	0.000	0.660	2.000	491.040	-
Total Quantity					598.92 Sft (Square Foot)		55.64146476 Sqm (Square Meter)	
Amount					55.64146476 X 216.23489289764		12031.63	

Total Amount (A) : 290410.50

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2100	-	2100

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2489.5	Vibrator	2489.5
Additional Components Amount (F) : 9589.5			
Grand Total Amount (A + F) : 299999.99645831			

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