

Detailed Estimate

**OD/359/3431/118993/417598/00066670 : IMPROVEMENT OF CC ROAD AT KUMBHARKHADI VILLAGE ,MANIKESWAR
GP**

Block : Raikia, Gram Panchayat : Manikeswar

Created By:BIKASH KUMAR NAYAK

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	Cut Off	2.000	51.000	0.225	0.200	0.000	4.590	-
Total Quantity					4.59 cum (cum)		4.59 Cum (Cubic Meter)	
Amount					4.59 X 240.77592		1105.16	
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	Road	1.000	51.000	2.900	0.100	0.000	14.790	-
Total Quantity					14.79 cum (cum)		14.79 Cum (Cubic Meter)	
Amount					14.79 X 645.049832		9540.29	
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	2.000	51.000	0.225	0.400	0.000	9.180	-
ii	Road base	1.000	51.000	2.900	0.100	0.000	14.790	-

Total Quantity		23.97 cum (cum)		23.97 Cum (Cubic Meter)				
Amount		23.97 X 5572.19287044		133565.46				
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 Top	1.000	51.000	3.350	0.100	0.000	17.085	-
Total Quantity		17.085 cum (cum)		17.085 Cum (Cubic Meter)				
Amount		17.085 X 7907.15933428		135093.82				
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	Both Sides	2.000	51.000	0.200	0.000	2.000	40.800	-
ii	Road Sides	1.000	51.000	0.200	0.000	2.000	20.400	-
Total Quantity		61.2 Sqm (Sqm)		61.2 Sqm (Square Meter)				
Amount		61.2 X 216.23489289764		13233.58				
Total Amount		292538.30						
Addition								
Provision for Contingency (+) @		3000.00						
Display Citizen Board (+) @		2986.69						
Any Other Lumpsum (+) @		1475.00						

Provision for survey investigation and quality control (+) @	
Total Addition	7461.69
Grand Net Total Amount	299999.99

BIKASH KUMAR NAYAK
JE
Raikia Block

BANTI KUMAR CHOUDHARY
AEE
Raikia Block

SABYASACHI SAHU
BDO
Raikia Block