

## Detailed Estimate

**OD/346/3301/116134/392157/00075349 : Const of CC road from Gilajodi Haripada Sahu house to Laxmidhar Sahu house**

**Block : Basta, Gram Panchayat : Raghunathpur**

**Created By: PRAKASH CHANDRA NAIK**

<b>1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b>								
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	240.000	0.750	0.750	0.000	270.000	-
<b>Total Quantity</b>						<b>270 Cft (Cubic Foot)</b>	<b>7.645536 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>7.645536 X 149.3184</b>	<b>1141.62</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	240.000	0.750	0.250	0.000	90.000	-
ii	Road Bed	1.000	50.000	7.660	0.330	0.000	126.390	-
iii	Road Bed	1.000	50.000	7.750	0.330	0.000	127.875	-
iv	Road Bed	1.000	50.000	7.660	0.330	0.000	126.390	-
v	Road Bed	1.000	50.000	7.750	0.330	0.000	127.875	-
vi	Road Bed	1.000	40.000	7.580	0.330	0.000	100.056	-
<b>Total Quantity</b>						<b>698.586 Cft (Cubic Foot)</b>	<b>19.7817200448 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>19.7817200448 X 1367.139232</b>	<b>27044.37</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								

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	240.000	0.750	0.500	0.000	180.000	-	
ii	Above G.L. Cut off Wall	2.000	240.000	0.750	0.330	0.000	118.800	-	
iii	Road bed	1.000	50.000	9.160	0.330	0.000	151.140	-	
iv	Road Bed	1.000	50.000	9.250	0.330	0.000	152.625	-	
v	Road Bed	1.000	50.000	9.160	0.330	0.000	151.140	-	
vi	Road Bed	1.000	50.000	9.250	0.330	0.000	152.625	-	
vii	Road Bed	1.000	40.000	9.080	0.330	0.000	119.856	-	
Total Quantity							1026.186 Cft (Cubic Foot)	29.0583037248 Cum (Cubic Meter)	
Amount							<b>29.0583037248 X 6758.34745726</b>	<b>196386.11</b>	

**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	9.160	0.290	0.000	132.820	-	
ii	Road Bed	1.000	50.000	9.250	0.290	0.000	134.125	-	
iii	Road Bed	1.000	50.000	9.160	0.290	0.000	132.820	-	
iv	Road Bed	1.000	50.000	9.250	0.290	0.000	134.125	-	
v	Road bed	1.000	40.000	9.080	0.290	0.000	105.328	-	
Total Quantity							639.218 Cft (Cubic Foot)	18.1006082624 Cum (Cubic Meter)	
Amount							<b>18.1006082624 X 8351.85337962</b>	<b>151173.63</b>	

**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	Cut off Wall	2.000	240.000	2.000	0.330	0.000	316.800	-
ii	Road Bed	1.000	240.000	2.000	0.620	0.000	297.600	-
Total Quantity						614.4 Sft (Square Foot)	57.0796032 Sqm (Square Meter)	
Amount						57.0796032 X 216.23489289764	12342.60	

**Total Amount (A) : 388088.33**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2911.67	Vibrator	2911.67

**Additional Components Amount (F) : 11911.67**

**Grand Total Amount (A + F) : 399999.99601724**

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