

## Detailed Estimate

**OD/346/3305/116246/393255/00068141 : Const of CC road Biswambar ranjit house to nahidhar Mohapatra House**  
**Block : Nilgiri, Gram Panchayat : Matiali**  
**Created By: Bharat Singh**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	160.000	0.750	0.660	0.000	158.400	-
<b>Total Quantity</b>					158.4 Cft (Cubic Foot)		4.48538112 Cum (Cubic Meter)	
<b>Amount</b>					4.48538112 X 240.77592		1079.97	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	160.000	0.750	0.330	0.000	79.200	-
ii		1.000	50.000	9.970	0.330	0.000	164.505	-
iii		1.000	50.000	9.527	0.330	0.000	157.190	-
iv		1.000	50.000	11.527	0.330	0.000	190.190	-
v		1.000	10.000	15.750	0.330	0.000	51.975	-
<b>Total Quantity</b>					643.060000605 Cft (Cubic Foot)		18.209401425132 Cum (Cubic Meter)	
<b>Amount</b>					18.209401425132 X 921.527232		16780.46	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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		2.000	160.000	0.750	0.660	0.000	158.400	-
ii		1.000	50.000	11.470	0.330	0.000	189.255	-
iii		1.000	50.000	11.027	0.330	0.000	181.940	-
iv		1.000	50.000	13.027	0.330	0.000	214.940	-
v		1.000	10.000	17.250	0.330	0.000	56.925	-
Total Quantity					801.460011 Cft (Cubic Foot)		22.694782559148 Cum (Cubic Meter)	
Amount					22.694782559148 X 6412.62097276		145533.04	

**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		1.000	50.000	11.470	0.290	0.000	166.315	-
ii		1.000	50.000	11.027	0.290	0.000	159.887	-
iii		1.000	50.000	13.027	0.290	0.000	188.887	-
iv		1.000	10.000	17.250	0.290	0.000	50.025	-
Total Quantity					565.1133343 Cft (Cubic Foot)		16.002201264706 Cum (Cubic Meter)	
Amount					16.002201264706 X 7858.27350012		125749.67	

**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		2.000	2.000	160.000	0.330	0.000	211.200	-
ii		1.000	2.000	160.000	0.660	0.000	211.200	-
Total Quantity					422.4 Sft (Square Foot)		39.2422272 Sqm (Square Meter)	
Amount					39.2422272 X 216.23489289764		8485.54	
Total Amount							297628.68	
<b>Addition</b>								
Provision for Contingency (+) @							1000.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							871.31	
Provision for survey investigation and quality control (+) @								
Total Addition							2371.31	
Grand Net Total Amount							299999.99	

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