

## Detailed Estimate

**OD/346/3305/116232/393107/00068159 : Const. of C.C. Road from Nisankhapur Bhaskar Bhuyan House to Aswini Das Chhak.**

**Block : Nilgiri, Gram Panchayat : Begunia**

**Created By: MADHUSMITA MOHANTY**

<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	180.000	0.750	0.660	0.000	178.200	-
Total Quantity					178.2 Cft (Cubic Foot)		5.04605376 Cum (Cubic Meter)	
Amount					5.04605376 X 240.77592		1214.97	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	180.000	0.750	0.330	0.000	89.100	-
ii	RAOD	1.000	180.000	8.500	0.330	0.000	504.900	-
Total Quantity					594 Cft (Cubic Foot)		16.8201792 Cum (Cubic Meter)	
Amount					16.8201792 X 921.527232		15500.25	
<b>3. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	WALL	2.000	180.000	2.000	0.330	0.000	237.600	-
ii	ROAD	1.000	180.000	2.000	0.660	0.000	237.600	-
Total Quantity					475.2 Sft (Square Foot)		44.1475056 Sqm (Square Meter)	
Amount					44.1475056 X 216.39264180804		9553.20	

#### 4. 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	WALL	2.000	180.000	0.750	0.660	0.000	178.200	-
ii	ROAD	1.000	180.000	10.000	0.330	0.000	594.000	-
Total Quantity					772.2 Cft (Cubic Foot)		21.86623296 Cum (Cubic Meter)	
Amount					21.86623296 X 6098.7038262		133355.68	

#### 5. 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	180.000	10.000	0.330	0.000	594.000	-
Total Quantity					594 Cft (Cubic Foot)		16.8201792 Cum (Cubic Meter)	
Amount					16.8201792 X 7742.0016214		130221.85	
<b>Total Amount</b>							<b>289845.95</b>	

<b>Addition</b>	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	2154.04
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>10154.04</b>
<b>Grand Net Total Amount</b>	<b>299999.99</b>

**MADHUSMITA MOHANTY**  
**JE**  
**Nilgiri Block**

**Sarat kumar Upadhyay**  
**AEE**  
**Nilgiri Block**

**Bikram Kishore Parida**  
**BDO**  
**Nilgiri Block**