

## Detailed Estimate

**OD/346/3308/275551/394243/00110365 : Construction of CC Road from Bari Sahukhurda RD Road to GP office**  
**Block : Simulia, Gram Panchayat : Samasundarpur**  
**Created By: Bhakta Ranjan 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	Cutoff Wall	2.000	112.000	0.225	0.150	0.000	7.560	-
ii	Base cutting	4.000	3.800	0.550	0.100	0.000	0.836	-
<b>Total Quantity</b>						<b>8.396 cum (cum)</b>	<b>8.396 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>8.396 X 240.77592</b>	<b>2021.55</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	Cutoff Wall	2.000	112.000	0.225	0.050	0.000	2.520	-
ii	Rd Base	1.000	112.000	2.600	0.090	0.000	26.208	-
<b>Total Quantity</b>						<b>28.728 cum (cum)</b>	<b>28.728 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>28.728 X 1493.995232</b>	<b>42919.50</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	112.000	0.225	0.280	0.000	14.112	-
ii	Rd Base	1.000	112.000	2.600	0.090	0.000	26.208	-

Total Quantity	40.32 cum (cum)	40.32 Cum (Cubic Meter)
Amount	40.32 X 6105.90361726	246190.03

#### 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	Rd Top	1.000	112.000	3.050	0.090	0.000	30.744	-
Total Quantity							30.744 cum (cum)	30.744 Cum (Cubic Meter)
Amount							30.744 X 7740.18727962	237964.32

#### 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	Cutoff Wall	2.000	112.000	0.000	0.180	2.000	80.640	-
ii	Rd Top	1.000	112.000	0.000	0.090	2.000	20.160	-
Total Quantity							100.8 Sqm (Sqm)	100.8 Sqm (Square Meter)
Amount							100.8 X 216.23489289764	21796.48

Total Amount (A) : 550891.88

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5690	-	5690
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.7093	Vibrator Hire charges	7093

**Additional Components Amount (F) : 17783**

**Grand Total Amount (A + F) : 568674.87842586**

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JE  
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**SAROJ TIGGA  
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