

## Detailed Estimate

**OD/346/3308/116307/394132/00110381 : Construction of CC Road from Kuniari Muni to Mayadhar Behera house**  
**Block : Simulia, Gram Panchayat : Markona**  
**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	83.500	0.225	0.150	0.000	5.636	-
<b>Total Quantity</b>					<b>5.63625 cum (cum)</b>		<b>5.63625 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>5.63625 X 240.77592</b>		<b>1357.07</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	83.500	0.225	0.050	0.000	1.879	-
ii	Rd Base	1.000	83.500	2.000	0.090	0.000	15.030	-
<b>Total Quantity</b>					<b>16.90875 cum (cum)</b>		<b>16.90875 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>16.90875 X 1493.995232</b>		<b>25261.59</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	83.500	0.225	0.280	0.000	10.521	-
ii	Rd Base	1.000	83.500	2.000	0.090	0.000	15.030	-

Total Quantity	25.551 cum (cum)	25.551 Cum (Cubic Meter)
Amount	25.551 X 6105.90361726	156011.94

**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 Base	1.000	83.500	2.450	0.090	0.000	18.412	-
Total Quantity					18.41175 cum (cum)		18.41175 Cum (Cubic Meter)	
Amount					18.41175 X 7740.18727962		142510.39	

**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	83.500	0.000	0.180	2.000	60.120	-
ii	Rd Base	1.000	83.500	0.000	0.090	2.000	15.030	-
Total Quantity					75.15 Sqm (Sqm)		75.15 Sqm (Square Meter)	
Amount					75.15 X 216.23489289764		16250.05	

**Total Amount (A) : 341391.05**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3535	-	3535
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.3544	Charges for Vibrator & Expansion Joint	3544
Additional Components Amount (F) : 12079			
Grand Total Amount (A + F) : 353470.05382959			

**Bhakta Ranjan Mohanty**  
JE  
Simulia Block

**SAROJ TIGGA**  
AEE  
Simulia Block

**Sunil Kumar Tudu**  
BDO  
Simulia Block