

## Detailed Estimate

**OD/346/3309/116326/393773/00063311 : Const. of cc road from Gouranga Shial Cello Chaka to Gouranga Shial house, Agapada**

**Block : Soro, Gram Panchayat : Sabira**

**Created By:Rojalin Jena**

<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	Side Wall	2.000	91.000	0.750	0.500	0.000	68.250	-
<b>Total Quantity</b>					<b>68.25 Cft (Cubic Foot)</b>		<b>1.9326216 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>1.9326216 X 240.77592</b>		<b>465.33</b>	
<b>2. 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	Side Wall	4.000	91.000	1.330	0.000	0.000	484.120	-
ii	S Wall	2.000	91.000	0.250	0.000	0.000	45.500	-
<b>Total Quantity</b>					<b>529.62 Sft (Square Foot)</b>		<b>49.20328686 Sqm (Square Meter)</b>	
<b>Amount</b>					<b>49.20328686 X 216.23489289764</b>		<b>10639.47</b>	
<b>3. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	91.000	9.000	1.000	0.000	819.000	-

Total Quantity	819 Sft (Square Foot)	76.087557 Sqm (Square Meter)
Amount	76.087557 X 4.6662	355.04

#### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	2.000	91.000	0.750	1.330	0.000	181.545	-
ii	Bed	1.000	12.000	10.560	0.330	0.000	41.818	-
iii	Bed	1.000	79.000	7.500	0.330	0.000	195.525	-
Total Quantity						418.8876 Cft (Cubic Foot)	11.86155639168 Cum (Cubic Meter)	
Amount						11.86155639168 X 5979.66169726	70928.09	

#### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	12.000	12.060	0.250	0.000	36.180	-
ii	bed	1.000	79.000	9.000	0.250	0.000	177.750	-
Total Quantity						213.93 Cft (Cubic Foot)	6.057813024 Cum (Cubic Meter)	
Amount						6.057813024 X 7621.83547962	46171.65	

#### 6. Earth Work (AR0114) : Filling of foundation with escalated earth

Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	As per bill;	1.930	0.000	0.000	0.000	0.000	1.930	-

Total Quantity	1.93 Cft (Cubic Foot)	0.054651424 Cum (Cubic Meter)
Amount	0.054651424 X 99.54497784	5.44

**7. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed**

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	Side Wall	2.000	91.000	0.750	0.160	0.000	21.840	-
ii	Bed	1.000	12.000	10.560	0.330	0.000	41.818	-
iii	Bed	1.000	79.000	7.500	0.330	0.000	195.525	-
Total Quantity						259.1826 Cft (Cubic Foot)	7.33922184768 Cum (Cubic Meter)	
Amount						7.33922184768 X 1493.995232	10964.76	

**Total Amount (A) : 139529.79**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1400	-	1400
2	Display Citizen Board @ Rs.2000	-	2000
3	Any Other Lumpsum @ Rs.873.21	Vibrator	873.21
Additional Components Amount (F) :			4273.21

**Grand Total Amount (A + F) : 143802.99734887**

Rojalin Jena  
JE  
Soro Block

Nirmala Kanta Parida  
AEE  
Soro Block

Satyanath Naik  
BDO  
Soro Block