

## Detailed Estimate

**OD/356/3403/118514/400420/00071239 : Const. of CC Road from Butu Barik House to College Gate**  
**Block : Sukinda, Gram Panchayat : Sukindagarh**  
**Created By:Ratnakar Sahoo**

<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	Cut off wall	1.000	36.000	0.225	0.200	0.000	1.620	-
Total Quantity					1.62 cum (cum)		1.62 Cum (Cubic Meter)	
Amount					1.62 X 240.77592		390.06	
<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	Below pavement	1.000	36.000	3.200	0.100	0.000	11.520	-
Total Quantity					11.52 cum (cum)		11.52 Cum (Cubic Meter)	
Amount					11.52 X 1054.301832		12145.56	
<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	Cut off Wall	1.000	36.000	0.225	0.300	0.000	2.430	-
ii	Pavement	1.000	36.000	3.650	0.100	0.000	13.140	-

Total Quantity		15.57 cum (cum)		15.57 Cum (Cubic Meter)				
Amount		15.57 X 5198.67156166		80943.32				
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	Pavement	1.000	36.000	3.650	0.100	0.000	13.140	-
Total Quantity		13.14 cum (cum)		13.14 Cum (Cubic Meter)				
Amount		13.14 X 7463.43968442		98069.60				
<b>5. 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	Cut off wall	2.000	36.000	0.000	0.100	0.000	7.200	-
ii	Crust	2.000	36.000	0.000	0.200	0.000	14.400	-
Total Quantity		21.6 Sqm (Sqm)		21.6 Sqm (Square Meter)				
Amount		21.6 X 216.23489289764		4670.67				
Total Amount		196219.20						
<b>Addition</b>								
Provision for Contingency (+) @		1962.19						
Display Citizen Board (+) @		1800.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

<b>Total Addition</b>	<b>3762.19</b>
<b>Grand Net Total Amount</b>	<b>199981.39</b>

**Ratnakar Sahoo**  
**JE**  
**Sukinda Block**

**Asish Kumar Biswal**  
**AEE**  
**Sukinda Block**

**Prangyan Primita Prusty**  
**BDO**  
**Sukinda Block**