

## Detailed Estimate

**OD/362/3460/119612/408523/00066420 : Construction of C.C Road from Ranasinghpur School to Bunasahi Road, Ranasinghpur**

**Block : Bhubaneswar, Gram Panchayat : Ranasinghpur**

**Created By:Smt seela Pradhan**

<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	BASE	1.000	129.000	12.000	0.330	0.000	510.840	-
Total Quantity					510.84 Cft (Cubic Foot)		14.465354112 Cum (Cubic Meter)	
Amount					14.465354112 X 240.77592		3482.91	
<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		1.000	129.000	12.000	0.330	0.000	510.840	-
Total Quantity					510.84 Cft (Cubic Foot)		14.465354112 Cum (Cubic Meter)	
Amount					14.465354112 X 503.134732		7278.02	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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		1.000	129.000	12.000	0.330	0.000	510.840	-

Total Quantity		510.84 Cft (Cubic Foot)		14.465354112 Cum (Cubic Meter)				
Amount		14.465354112 X 5720.2452415		82745.37				
<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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	129.000	12.000	0.330	0.000	510.840	-
Total Quantity		510.84 Cft (Cubic Foot)		14.465354112 Cum (Cubic Meter)				
Amount		14.465354112 X 7166.5322145		103666.43				
<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		2.000	129.000	0.000	0.660	0.000	170.280	-
Total Quantity		170.28 Sft (Square Foot)		15.81952284 Sqm (Square Meter)				
Amount		15.81952284 X 216.23489289764		3420.73				
Total Amount				200593.46				
<b>Addition</b>								
Provision for Contingency (+) @				2005.00				
Display Citizen Board (+) @				2401.00				
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4406.00</b>
<b>Grand Net Total Amount</b>	<b>204999.46</b>

**JE**  
**Bhubaneswar Block**

**Sri Niranjana Biswal**  
**AEE**  
**Bhubaneswar Block**

**Deviprasad Mohanty**  
**BDO**  
**Bhubaneswar Block**