

## Detailed Estimate

**OD/357/3406/118544/381252/00072300 : Construction of CC Road from Soudagar house to NH49 Bhimtikira Village**  
**Block : Kolabira, Gram Panchayat : Paramanpur**  
**Created By:NIHAR RANJAN NAIK**

<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	2.000	70.000	0.250	0.250	0.000	8.750	-
ii	Bed	1.000	70.000	3.150	0.100	0.000	22.050	-
<b>Total Quantity</b>					30.8 cum (cum)		30.8 Cum (Cubic Meter)	
<b>Amount</b>					<b>30.8 X 240.77592</b>		<b>7415.90</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	Road Bed	1.000	70.000	3.150	0.100	0.000	22.050	-
ii	Cut off	2.000	70.000	0.250	0.100	0.000	3.500	-
<b>Total Quantity</b>					25.55 cum (cum)		25.55 Cum (Cubic Meter)	
<b>Amount</b>					<b>25.55 X 748.877832</b>		<b>19133.83</b>	
<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	Cut Off	2.000	70.000	0.250	0.150	0.000	5.250	-
ii	Bed	1.000	70.000	3.650	0.100	0.000	25.550	-
Total Quantity					30.8 cum (cum)		30.8 Cum (Cubic Meter)	
Amount					30.8 X 5433.86697714		167363.10	
<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	Road Bed	1.000	70.000	3.650	0.079	0.000	20.082	-
Total Quantity					20.0823 cum (cum)		20.0823 Cum (Cubic Meter)	
Amount					20.0823 X 6879.65127718		138159.22	
<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	2.000	70.000	0.000	0.300	0.000	42.000	-
Total Quantity					42 Sqm (Sqm)		42 Sqm (Square Meter)	
Amount					42 X 216.23489289764		9081.87	
Total Amount							341153.92	
<b>Addition</b>								
Provision for Contingency (+) @							3846.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>8846.00</b>
<b>Grand Net Total Amount</b>	<b>349999.92</b>

**NIHAR RANJAN NAIK**  
**JE**  
**Kolabira Block**

**MADHUMITA PAUL**  
**AEE**  
**Kolabira Block**

**Ashok Kumar Majhi**  
**BDO**  
**Kolabira Block**