

## Detailed Estimate

**OD/356/3394/275249/401857/00022120 : Imp. of Road with CC/ Gr-II Metalling from RD Road to Dalkhai Thakurani**  
**Block : Badchana, Gram Panchayat : Barada**  
**Created By:Lipsarani Behera**

<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	34.000	0.225	0.150	1.000	2.295	-
Total Quantity					2.295 cum (cum)		2.295 Cum (Cubic Meter)	
Amount					2.295 X 240.77592		552.58	
<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	34.000	3.000	0.050	1.000	10.200	-
ii	Road	1.000	34.000	2.550	0.100	1.000	8.670	-
Total Quantity					18.87 cum (cum)		18.87 Cum (Cubic Meter)	
Amount					18.87 X 1014.851232		19150.24	
<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	34.000	0.225	0.200	1.000	3.060	-

ii	Road	1.000	34.000	3.000	0.100	1.000	10.200	-
Total Quantity					13.26 cum (cum)		13.26 Cum (Cubic Meter)	
Amount					13.26 X 5888.94202266		78087.37	
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	34.000	3.000	0.100	1.000	10.200	-
Total Quantity					10.2 cum (cum)		10.2 Cum (Cubic Meter)	
Amount					10.2 X 7567.32192142		77186.68	
<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	Inside	2.000	34.000	0.000	0.100	1.000	6.800	-
ii	Outside	2.000	34.000	0.000	0.300	0.000	20.400	-
Total Quantity					27.2 Sqm (Sqm)		27.2 Sqm (Square Meter)	
Amount					27.2 X 216.23489289764		5881.59	
<b>Total Amount</b>							<b>180858.47</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1808.58	
Display Citizen Board (+) @							1600.00	
Any Other Lumpsum (+) @							2264.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5672.58</b>
<b>Grand Net Total Amount</b>	<b>186531.05</b>

**Lipsarani Behera**  
**JE**  
**Badchana Block**

**Subhashree Dalai**  
**AEE**  
**Badchana Block**

**Rabindra Kumar Pradhan**  
**BDO**  
**Badchana Block**