

## Detailed Estimate

**OD/368/3531/120779/422111/00109194 : Construction of CC Road from Bargachh Chhak to Laxmi Mandap road  
Kamalamal**

**Block : Boden, Gram Panchayat : Rokal**

**Created By:AMARENDRA BISWAL**

<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	86.600	0.200	0.200	1.000	6.928	-
<b>Total Quantity</b>						<b>6.928 cum (cum)</b>	<b>6.928 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>6.928 X 240.77592</b>	<b>1668.10</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	Cutoff Wall	2.000	86.600	0.200	0.100	1.000	3.464	-
ii	Road Base	1.000	86.600	3.250	0.100	1.000	28.145	-
<b>Total Quantity</b>						<b>31.609 cum (cum)</b>	<b>31.609 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>31.609 X 657.109232</b>	<b>20770.57</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	Cutoff Wall	2.000	86.600	0.200	0.200	1.000	6.928	-
ii	Road	1.000	86.600	3.650	0.100	1.000	31.609	-
<b>Total Quantity</b>						<b>38.537 cum (cum)</b>	<b>38.537 Cum (Cubic Meter)</b>	

<b>Amount</b>	<b>38.537 X 5185.98943404</b>	<b>199852.47</b>
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**4. 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	Road	1.000	86.600	3.650	0.075	1.000	23.707	-
Total Quantity							23.70675 cum (cum)	23.70675 Cum (Cubic Meter)
<b>Amount</b>							<b>23.70675 X 6669.14629948</b>	<b>158103.78</b>

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	86.600	0.000	0.330	1.000	57.156	-
Total Quantity							57.156 Sqm (Sqm)	57.156 Sqm (Square Meter)
<b>Amount</b>							<b>57.156 X 216.23489289764</b>	<b>12359.12</b>

**Total Amount (A) : 392754.04**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.245	Photography	245

**Additional Components Amount (F) : 7245**

Grand Total Amount (A + F) : 399999.0416813

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