

## Detailed Estimate

**OD/368/3532/120784/421999/00107207 : Construction of CC road from Kotipadar Gournga house to Padampur RD  
road**

**Block : Khariar, Gram Panchayat : Bhojpur**

**Created By: SANTOSH KUMAR SUBUDHI**

<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	Earth	2.000	94.300	0.200	0.250	0.000	9.430	-
<b>Total Quantity</b>						<b>9.43 cum (cum)</b>	<b>9.43 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>9.43 X 240.77592</b>	<b>2270.52</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	Key WALL	2.000	94.300	0.200	0.100	0.000	3.772	-
ii	rOAD pORTION	1.000	94.300	3.250	0.100	0.000	30.648	-
<b>Total Quantity</b>						<b>34.4195 cum (cum)</b>	<b>34.4195 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>34.4195 X 515.507232</b>	<b>17743.50</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		2.000	94.300	0.200	0.300	0.000	11.316	-
ii		1.000	94.300	3.250	0.100	0.000	30.648	-

Total Quantity	41.9635 cum (cum)	41.9635 Cum (Cubic Meter)
Amount	41.9635 X 5076.15188354	213013.10

**4. 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		2.000	94.300	0.300	0.000	0.000	56.580	-
Total Quantity					56.58 Sqm (Sqm)		56.58 Sqm (Square Meter)	
Amount					56.58 X 216.23489289764		12234.57	

**5. 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		1.000	94.300	3.650	0.075	0.000	25.815	-
Total Quantity					25.814625 cum (cum)		25.814625 Cum (Cubic Meter)	
Amount					25.814625 X 6559.67002598		169335.42	

**Total Amount (A) : 414597.11**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4380	-	4380
2	Display Citizen Board @ Rs.5000	-	5000

**Additional Components Amount (F) : 9380**

Grand Total Amount (A + F) : 423977.10974692

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