

## Detailed Estimate

**OD/350/3339/275439/399450/00113552 : IMPROVEMENT OF CC ROAD FROM AKARAPADA HARIJAN SAHI TO  
KHIROD PRADHIARI HOUSE**

**Block : Mahanga, Gram Panchayat : Panaspur**

**Created By: JAGANNATH PRASADA BARIK**

<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	EW	2.000	81.000	0.225	0.150	0.000	5.468	-
<b>Total Quantity</b>						<b>5.4675 cum (cum)</b>	<b>5.4675 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>5.4675 X 240.77592</b>	<b>1316.44</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	CC	2.000	81.000	0.225	0.050	0.000	1.823	-
ii	CC	1.000	81.000	2.550	0.075	0.000	15.491	-
<b>Total Quantity</b>						<b>17.31375 cum (cum)</b>	<b>17.31375 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>17.31375 X 793.620832</b>	<b>13740.55</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	CC	2.000	81.000	0.225	0.050	0.000	1.823	-
ii	CC	1.000	81.000	3.000	0.085	0.000	20.655	-

Total Quantity	22.4775 cum (cum)	22.4775 Cum (Cubic Meter)
Amount	22.4775 X 5940.91861236	133537.00

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC	1.000	81.000	3.000	0.077	0.000	18.711	-
Total Quantity							18.711 cum (cum)	18.711 Cum (Cubic Meter)
Amount							18.711 X 7419.14864932	138819.69

**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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shuttering	2.000	81.000	1.000	0.150	0.000	24.300	-
Total Quantity							24.3 Sqm (Sqm)	24.3 Sqm (Square Meter)
Amount							24.3 X 216.23489289764	5254.51

**Total Amount (A) : 292668.19**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2926.681914068
2	Display Citizen Board @ Rs.4200	-	4200
3	Provision for survey investigation and quality control @ Rs.205	-	205

**Additional Components Amount (F) : 7331.681914068**

Grand Total Amount (A + F) : 299999.87332087

**JAGANNATH PRASADA BARIK**  
**JE**  
**Mahanga Block**

**SANDIP KUMAR DAS**  
**AEE**  
**Mahanga Block**

**Tilottama Prusty**  
**BDO**  
**Mahanga Block**