

## Detailed Estimate

**OD/346/3298/116056/393956/00072825 : R/R OF ROAD FROM RD ROAD TO BRUNDABAN MAHALIK HOUSE**  
**Block : Bahanaga, Gram Panchayat : Kharasahapur**  
**Created By: PRASANTA GHADAI**

<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	Road base cutting	1.000	35.000	10.000	0.160	0.000	56.000	-
<b>Total Quantity</b>						<b>56 Cft (Cubic Foot)</b>	<b>1.5857408 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>1.5857408 X 240.77592</b>	<b>381.81</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	Cut off walls	2.000	35.000	0.750	0.500	0.000	26.250	-
ii	Road bed	1.000	35.000	8.330	0.330	0.000	96.212	-
<b>Total Quantity</b>						<b>122.4615 Cft (Cubic Foot)</b>	<b>3.4677178032 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>3.4677178032 X 1540.455232</b>	<b>5341.86</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 wall	2.000	35.000	0.750	0.830	0.000	43.575	-

ii	Road Bed	1.000	35.000	8.330	0.330	0.000	96.212	-
Total Quantity					139.7865 Cft (Cubic Foot)		3.9583063632 Cum (Cubic Meter)	
Amount					3.9583063632 X 6367.64713726		25205.10	

**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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off walls	0.000	35.000	2.000	0.660	0.000	46.200	-
ii	Out side	1.000	35.000	2.000	0.330	0.000	23.100	-
Total Quantity					69.3 Sft (Square Foot)		6.4381779 Sqm (Square Meter)	
Amount					6.4381779 X 216.23489289764		1392.16	

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	35.000	10.000	0.330	0.000	115.500	-
Total Quantity					115.5 Cft (Cubic Foot)		3.2705904 Cum (Cubic Meter)	
Amount					3.2705904 X 7796.59981962		25499.48	

**Total Amount (A) : 57820.41**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.600	-	600

2	Display Citizen Board @ Rs.800	-	800
3	Any Other Lumpsum @ Rs.600	L.cess	600
<b>Additional Components Amount (F) : 2000</b>			
<b>Grand Total Amount (A + F) : 59820.413646422</b>			

**PRASANTA GHADAI**  
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**Bahanaga Block**

**Bibhuti Bhusan Nayak**  
**AEE**  
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