

## Detailed Estimate

**OD/346/3302/116170/391799/00105800 : CONSTRUCTION OF CC ROAD FROM BADAL SENAPATI BADI TO JIBAN**

**KRUSHNA PATTANAYAK HOUSE VILL SHANTINAGAR**

**Block : Bhograi, Gram Panchayat : Saradhapur**

**Created By:AMARESH KUMAR DASH**

<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	In Cutoffs	2.000	330.000	0.830	0.500	0.000	273.900	-
<b>Total Quantity</b>						273.9 Cft (Cubic Foot)	7.75597152 Cum (Cubic Meter)	
<b>Amount</b>						<b>7.75597152 X 240.77592</b>	<b>1867.45</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	In Cutoffs	2.000	330.000	0.830	0.330	0.000	180.774	-
ii	In Road	1.000	330.000	6.660	0.330	0.000	725.274	-
<b>Total Quantity</b>						906.048 Cft (Cubic Foot)	25.6563800064 Cum (Cubic Meter)	
<b>Amount</b>						<b>25.6563800064 X 1296.641232</b>	<b>33267.12</b>	
<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	In Cutoffs	2.000	330.000	0.660	0.500	0.000	217.800	-

ii	In Road	1.000	330.000	8.000	0.330	0.000	871.200	-
Total Quantity					1089 Cft (Cubic Foot)		30.8369952 Cum (Cubic Meter)	
Amount					30.8369952 X 7001.03833726		215890.99	

#### 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	In Road	1.000	330.000	8.000	0.330	0.000	871.200	-
Total Quantity					871.2 Cft (Cubic Foot)		24.66959616 Cum (Cubic Meter)	
Amount					24.66959616 X 8579.37607962		211649.74	

#### 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	In Cutoffs	4.000	330.000	0.000	0.500	0.000	660.000	-
ii	In Road	2.000	330.000	0.000	0.660	0.000	435.600	-
Total Quantity					1095.6 Sft (Square Foot)		101.7845268 Sqm (Square Meter)	
Amount					101.7845268 X 216.23489289764		22009.37	

Total Amount (A) : 484684.67

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4846.8466639971

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.5468	Hire charges of Vibrator	5468
<b>Additional Components Amount (F) : 15314.846663997</b>			
<b>Grand Total Amount (A + F) : 499999.5130637</b>			

**AMARESH KUMAR DASH**  
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**AEE**  
**Bhograi Block**

**Prasanta Kumar Moharana**  
**BDO**  
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