

## Detailed Estimate

**OD/365/3491/120123/390559/00073167 : Construction of CC Road from Bidyadhar Behera house to kartik Chandra Mohanta at Bhurkundi**

**Block : Betnoti, Gram Panchayat : Purinda**

**Created By: SNEHALATA PATI**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road levelling	1.000	40.000	1.800	0.200	0.000	14.400	-
ii	cutoff wall	2.000	85.000	0.250	0.150	0.000	6.375	-
iii	end cutoff	2.000	3.100	0.250	0.150	0.000	0.233	-
Total Quantity					21.0075 cum (cum)		21.0075 Cum (Cubic Meter)	
Amount					21.0075 X 240.77592		5058.10	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	85.000	0.250	0.100	0.000	4.250	-
ii	end cutoff	2.000	3.100	0.250	0.100	0.000	0.155	-
iii	inside	1.000	84.500	3.100	0.100	0.000	26.195	-
Total Quantity					30.6 cum (cum)		30.6 Cum (Cubic Meter)	
Amount					30.6 X 1428.234132		43703.96	
<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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	85.000	0.250	0.220	0.000	9.350	-
ii	end cutoff wall	2.000	3.100	0.250	0.150	0.000	0.233	-
iii	inside	1.000	84.500	3.100	0.100	0.000	26.195	-
Total Quantity					35.7775 cum (cum)		35.7775 Cum (Cubic Meter)	
Amount					35.7775 X 6571.9833723		235129.14	

#### 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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	85.000	3.600	0.075	0.000	22.950	-
Total Quantity					22.95 cum (cum)		22.95 Cum (Cubic Meter)	
Amount					22.95 X 8068.6119571		185174.64	

#### 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 INSIDE	2.000	84.500	0.000	0.200	0.000	33.800	-
ii	OUTER	2.000	85.000	0.000	0.300	0.000	51.000	-
iii	END	2.000	3.100	0.000	0.200	0.000	1.240	-
iv	END	2.000	3.600	0.000	0.200	0.000	1.440	-

Total Quantity	87.48 Sqm (Sqm)	87.48 Sqm (Square Meter)
Amount	87.48 X 216.23489289764	18916.23
<b>Total Amount</b>		<b>487982.07</b>
<b>Addition</b>		
Provision for Contingency (+) @		4879.82
Display Citizen Board (+) @		4000.00
Any Other Lumpsum (+) @		3138.10
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>12017.92</b>
<b>Grand Net Total Amount</b>		<b>499999.99</b>

**SNEHALATA PATI**  
**JE**  
**Betnoti Block**

**SOUMYASHREE BHOI**  
**AEE**  
**Betnoti Block**

**SUSANTA KUMAR SUTAR**  
**BDO**  
**Betnoti Block**