

## Detailed Estimate

**OD/350/3338/116978/400187/00079479 : Construction of CC Road from Jhari Muduli House to Renu Bhoi House with Hume Pipe Culvert**

**Block : Kantapada, Gram Panchayat : Govindpur**

**Created By:SUMANSUDHA RAY**

<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	Cutoff	2.000	107.000	0.200	0.200	0.000	8.560	-
ii	Culvert base	1.000	3.150	1.010	0.910	0.000	2.895	-
<b>Total Quantity</b>					<b>11.455165 cum (cum)</b>		<b>11.455165 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>11.455165 X 240.77592</b>		<b>2758.13</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	Cutoff	2.000	107.000	0.200	0.875	0.000	37.450	-
ii	Road	1.000	107.000	2.750	0.100	0.000	29.425	-
iii	Culvert base	1.000	3.150	1.010	0.150	0.000	0.477	-
<b>Total Quantity</b>					<b>67.352225 cum (cum)</b>		<b>67.352225 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>67.352225 X 770.128232</b>		<b>51869.85</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	Cutoff	2.000	107.000	0.200	0.255	0.000	10.914	-
ii	Road	1.000	107.000	2.750	0.100	0.000	29.425	-
iii	Culvert base	1.000	3.150	1.010	0.150	0.000	0.477	-
iv		2.000	3.150	0.200	0.600	0.000	0.756	-
Total Quantity					41.572225 cum (cum)		41.572225 Cum (Cubic Meter)	
Amount					41.572225 X 6072.27032436		252437.79	

#### 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	Road	1.000	107.000	3.150	0.100	0.000	33.705	-
Total Quantity					33.705 cum (cum)		33.705 Cum (Cubic Meter)	
Amount					33.705 X 7542.29087932		254212.91	

#### 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	Cutoff	4.000	107.000	0.000	0.200	0.000	85.600	-
ii	Road	2.000	107.000	0.000	0.100	0.000	21.400	-
iii	Culvert wall	4.000	3.150	0.000	0.600	0.000	7.560	-
Total Quantity					114.56 Sqm (Sqm)		114.56 Sqm (Square Meter)	
Amount					114.56 X 216.39264180804		24789.94	

Total Amount (A) : 586068.62

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	5860.6862117027
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.5000	Hire charges of vibrator & other miscellaneous items	5000

Additional Components Amount (F) : 13860.686211703

Grand Total Amount (A + F) : 599929.30738197

SUMANSUDHA RAY  
JE  
Kantapada Block

DHANANJAY SAMAL  
AEE  
Kantapada Block

Swapnita Nayak  
BDO  
Kantapada Block