

## Detailed Estimate

**OD/352/3355/117398/403310/00113492 : Improvement of Culvert & Approach Road near Bijaya Nali Tank on  
Kandabindha to Tamanda Road  
Block : Odapada, Gram Panchayat : Kanda Bindha  
Created By:Gayatri Sahoo**

<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	CUT OFF	2.000	255.000	0.670	0.420	0.000	143.514	-
<b>Total Quantity</b>						143.514 Cft (Cubic Foot)	4.0638572352 Cum (Cubic Meter)	
<b>Amount</b>						<b>4.0638572352 X 240.77592</b>	<b>978.48</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	2.000	255.000	0.670	0.160	0.000	54.672	-
ii	ROAD	1.000	255.000	11.160	0.250	0.000	711.450	-
<b>Total Quantity</b>						766.122 Cft (Cubic Foot)	21.6941234496 Cum (Cubic Meter)	
<b>Amount</b>						<b>21.6941234496 X 1437.637232</b>	<b>31188.28</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	2.000	255.000	0.670	0.670	0.000	228.939	-

ii	ROAD	1.000	255.000	11.160	0.290	0.000	825.282	-
Total Quantity					1054.221 Cft (Cubic Foot)		29.8521652128 Cum (Cubic Meter)	
Amount					29.8521652128 X 6025.26931584		179867.34	

**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	CUTOFF	2.000	255.000	1.000	0.670	0.000	341.700	-
ii	ROAD	2.000	255.000	1.000	0.250	0.000	127.500	-
Total Quantity					469.2 Sft (Square Foot)		43.5900876 Sqm (Square Meter)	
Amount					43.5900876 X 216.23489289764		9425.70	

**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	1.000	255.000	12.500	0.250	0.000	796.875	-
Total Quantity					796.875 Cft (Cubic Foot)		22.56495 Cum (Cubic Meter)	
Amount					22.56495 X 7446.43407808		168028.41	

**Total Amount (A) : 389488.20**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000

2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.3511	vibratorcharges	3511
<b>Additional Components Amount (F) : 10511</b>			

<b>Grand Total Amount (A + F) : 399999.20419313</b>			
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