

## Detailed Estimate

**OD/365/3489/120081/389634/00102185 : Const of CC Drain from Debendra Sethi house to Khaskala Naik house at Majhigaon village under Bangriposi GP**  
**Block : Bangriposi, Gram Panchayat : Bangriposi**  
**Created By: Srihari Santra**

<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	Drain	1.000	81.000	1.000	0.650	0.000	52.650	-
<b>Total Quantity</b>						52.65 cum (cum)	52.65 Cum (Cubic Meter)	
<b>Amount</b>						<b>52.65 X 240.77592</b>	<b>12676.85</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	Drain	1.000	81.000	1.000	0.100	0.000	8.100	-
<b>Total Quantity</b>						8.1 cum (cum)	8.1 Cum (Cubic Meter)	
<b>Amount</b>						<b>8.1 X 1038.192332</b>	<b>8409.36</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	Drain bed	1.000	81.000	1.000	0.100	0.000	8.100	-
ii	Side wall	2.000	81.000	0.300	0.450	0.000	21.870	-
<b>Total Quantity</b>						29.97 cum (cum)	29.97 Cum (Cubic Meter)	
<b>Amount</b>						<b>29.97 X 6057.4845243</b>	<b>181542.81</b>	

**4. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	4.000	81.000	0.000	0.450	0.000	145.800	-
Total Quantity					145.8 Sqm (Sqm)		145.8 Sqm (Square Meter)	
Amount					145.8 X 194.081670094		28297.11	

**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	Side wall	4.000	81.000	0.000	0.450	0.000	145.800	-
Total Quantity					145.8 Sqm (Sqm)		145.8 Sqm (Square Meter)	
Amount					145.8 X 216.23489289764		31527.05	

**6. 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	Base	1.000	81.000	0.400	0.050	0.000	1.620	-
ii	Side wall top	2.000	81.000	0.300	0.050	0.000	2.430	-
Total Quantity					4.05 cum (cum)		4.05 Cum (Cubic Meter)	
Amount					4.05 X 7467.9174871		30245.07	

**Total Amount (A) : 292698.24**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4301	-	4301
2	Provision for Contingency @ Rs.3000	-	3000
<b>Additional Components Amount (F) : 7301</b>			
<b>Grand Total Amount (A + F) : 299999.24197741</b>			

Srihari Santra  
JE  
Bangriposi Block

Suvenu Kumar Naik  
AEE  
Bangriposi Block

Paramananda Khandei  
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