

## Detailed Estimate

**OD/365/3489/120081/389463/00071399 : Construction of CC Drain from Anil Giri house to Jagannath Sahu house to village Bangriposi**

**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	41.300	1.200	0.750	0.000	37.170	-
<b>Total Quantity</b>						37.17 cum (cum)	37.17 Cum (Cubic Meter)	
<b>Amount</b>						<b>37.17 X 240.77592</b>	<b>8949.64</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		1.000	41.300	1.200	0.100	0.000	4.956	-
<b>Total Quantity</b>						4.956 cum (cum)	4.956 Cum (Cubic Meter)	
<b>Amount</b>						<b>4.956 X 1038.192332</b>	<b>5145.28</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	Drain bed	1.000	41.300	1.200	0.100	0.000	4.956	-
ii	Side wall	2.000	41.300	0.300	0.600	0.000	14.868	-
<b>Total Quantity</b>						19.824 cum (cum)	19.824 Cum (Cubic Meter)	
<b>Amount</b>						<b>19.824 X 6057.4845243</b>	<b>120083.57</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		4.000	41.300	0.000	0.600	0.000	99.120	-
Total Quantity					99.12 Sqm (Sqm)		99.12 Sqm (Square Meter)	
Amount					99.12 X 194.081670094		19237.38	

**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		4.000	41.300	0.000	0.600	0.000	99.120	-
Total Quantity					99.12 Sqm (Sqm)		99.12 Sqm (Square Meter)	
Amount					99.12 X 216.23489289764		21433.20	

**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	41.300	0.600	0.050	0.000	1.239	-
ii	Side wall top	2.000	41.300	0.300	0.050	0.000	1.239	-
Total Quantity					2.478 cum (cum)		2.478 Cum (Cubic Meter)	
Amount					2.478 X 7467.9174871		18505.50	

**Total Amount (A) : 193354.57**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4645	-	4645
2	Provision for Contingency @ Rs.2000	-	2000
Additional Components Amount (F) : 6645			
Grand Total Amount (A + F) : 199999.57261028			

JE  
Bangriposi Block

Suvenu Kumar Naik  
AEE  
Bangriposi Block

Paramananda Khandei  
BDO  
Bangriposi Block