

## Detailed Estimate

**OD/363/3470/119778/429045/00066844 : CONSTRUCTION OF CC DRAIN AT HARIJAN SAHI BANUGUDA**

**Block : Jeypore, Gram Panchayat : Anta**

**Created By: TARUN KUMAR NAIK**

<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 BED	1.000	109.500	1.300	0.600	0.000	85.410	-
ii	DRAIN WALL FILLING( PITS)	7.000	3.000	3.000	0.300	0.000	18.900	-
<b>Total Quantity</b>						<b>104.31 cum (cum)</b>	<b>104.31 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>104.31 X 240.77592</b>	<b>25115.34</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	CC DRAIN BED	1.000	109.500	1.300	0.100	0.000	14.235	-
<b>Total Quantity</b>						<b>14.235 cum (cum)</b>	<b>14.235 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>14.235 X 678.531332</b>	<b>9658.89</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	CC DRAIN BED	1.000	109.500	1.300	0.150	0.000	21.353	-

ii	CC DRAIN WALL	2.000	109.500	0.280	0.530	0.000	32.500	-
Total Quantity					53.8521 cum (cum)		53.8521 Cum (Cubic Meter)	
Amount					53.8521 X 5629.53777174		303162.43	

**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	CC DRAIN WALL	4.000	109.500	0.000	0.580	0.000	254.040	-
Total Quantity					254.04 Sqm (Sqm)		254.04 Sqm (Square Meter)	
Amount					254.04 X 216.64504006468		55036.51	

**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	CC DRAIN VENT	1.000	109.500	0.640	0.075	0.000	5.256	-
ii	CC DRAIN WALL	2.000	109.500	0.280	0.050	0.000	3.066	-
Total Quantity					8.322 cum (cum)		8.322 Cum (Cubic Meter)	
Amount					8.322 X 7122.42227038		59272.80	

**Total Amount (A) : 452245.96**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4522.4596487587

2	Display Citizen Board @ Rs.3231.57	-	3231.57
Additional Components Amount (F) : 7754.0296487587			
Grand Total Amount (A + F) : 459999.99452463			

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