

## Detailed Estimate

**OD/363/3468/119756/428351/00068999 : CONSTRUCTION OF DRAIN AT CHANDALGUDA**

**Block : Borigumma, Gram Panchayat : Ranaspur**

**Created By: Sarmila Nayak**

<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	90.000	1.200	0.750	0.000	81.000	-
Total Quantity					81 cum (cum)		81 Cum (Cubic Meter)	
Amount					81 X 240.77592		19502.85	
<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	90.000	1.200	0.100	0.000	10.800	-
Total Quantity					10.8 cum (cum)		10.8 Cum (Cubic Meter)	
Amount					10.8 X 816.083232		8813.70	
<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	1.000	90.000	1.200	0.100	0.000	10.800	-
ii	wall	2.000	90.000	0.300	0.500	0.000	27.000	-

Total Quantity		37.8 cum (cum)		37.8 Cum (Cubic Meter)				
Amount		37.8 X 5526.74680944		208911.03				
<b>4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	wall	2.000	90.000	0.000	0.500	0.000	90.000	-
Total Quantity		90 Sqm (Sqm)		90 Sqm (Square Meter)				
Amount		90 X 216.23489289764		19461.14				
<b>5. Bridge Works (AR2001A) : Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down hard granite(Crusher Broken)</b>								
Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down 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	1.000	90.000	0.600	0.050	0.000	2.700	-
ii	WALL	2.000	90.000	0.300	0.050	0.000	2.700	-
Total Quantity		5.4 cum (cum)		5.4 Cum (Cubic Meter)				
Amount		5.4 X 5017.8340707867		27096.30				
Total Amount				283785.02				
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
2837.85								

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	7877.00
Provision for survey investigation and quality control (+) @	2500.00
<b>Total Addition</b>	<b>16214.85</b>
<b>Grand Net Total Amount</b>	<b>299999.87</b>

**JE**  
**Borigumma Block**

**Prakash Kumar Pradhan**  
**AEE**  
**Borigumma Block**

**SUKANTA KUMAR PATNAIK**  
**BDO**  
**Borigumma Block**