

## Detailed Estimate

**OD/370/3554/121222/424816/00062572 : RENOVATION OF CANAL AT SADARANGA**

**Block : Muniguda, Gram Panchayat : Sibapadar**

**Created By: Sanjam Kumar 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		1.000	54.250	1.300	0.150	0.000	10.579	-
Total Quantity					10.57875 cum (cum)		10.57875 Cum (Cubic Meter)	
Amount					10.57875 X 240.77592		2547.11	
<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	base	1.000	54.250	1.300	0.100	0.000	7.053	-
Total Quantity					7.0525 cum (cum)		7.0525 Cum (Cubic Meter)	
Amount					7.0525 X 567.017232		3998.89	
<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	base	1.000	54.250	1.300	0.100	0.000	7.053	-
ii	wall	2.000	54.250	0.300	0.600	0.000	19.530	-

Total Quantity			26.5825 cum (cum)				26.5825 Cum (Cubic Meter)	
Amount			26.5825 X 5202.39586192				138292.69	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	54.250	0.600	0.060	0.000	1.953	-
ii	wall top	2.000	54.250	0.300	0.040	0.000	1.302	-
Total Quantity			3.255 cum (cum)				3.255 Cum (Cubic Meter)	
Amount			3.255 X 6783.15485304				22079.17	
<b>5. 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	4.000	54.250	0.000	0.600	0.000	130.200	-
ii		2.000	0.300	0.000	0.600	0.000	0.360	-
Total Quantity			130.56 Sqm (Sqm)				130.56 Sqm (Square Meter)	
Amount			130.56 X 216.23489289764				28231.63	
Total Amount							195149.48	
<b>Addition</b>								
Display Citizen Board (+) @							2895.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	1951.49
<b>Total Addition</b>	<b>4846.49</b>
<b>Grand Net Total Amount</b>	<b>199995.98</b>

**Sanjam Kumar Nayak**  
**JE**  
**Muniguda Block**

**VOONA SRINIVASA RAO**  
**AEE**  
**Muniguda Block**

**KRUSHNA CHANDRA DALAPATI**  
**BDO**  
**Muniguda Block**