

## Detailed Estimate

**OD/368/3534/120853/421766/00070036 : Renovation of Padma Sagar Tank**

**Block : Nuapada, Gram Panchayat : Tanwat**

**Created By: SATYAJEET MOHANTA**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	guard wall	1.000	165.000	2.500	2.500	0.000	1031.250	-
Total Quantity					1031.25 Cft (Cubic Foot)		29.2017 Cum (Cubic Meter)	
Amount					29.2017 X 240.77592		7031.07	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	guard wall	1.000	165.000	2.500	0.500	0.000	206.250	-
Total Quantity					206.25 Cft (Cubic Foot)		5.84034 Cum (Cubic Meter)	
Amount					5.84034 X 515.507232		3010.74	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	guard wall	1.000	165.000	2.500	0.500	0.000	206.250	-
ii		1.000	165.000	1.625	5.500	0.000	1474.690	-

Total Quantity		1680.9375 Cft (Cubic Foot)		47.598771 Cum (Cubic Meter)				
Amount		47.598771 X 5089.90207404		242273.08				
<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	guard wall	2.000	165.000	0.000	5.500	0.000	1815.000	-
Total Quantity		1815 Sft (Square Foot)		168.618945 Sqm (Square Meter)				
Amount		168.618945 X 216.23489289764		36461.30				
<b>5. 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	guard wall	1.000	165.000	1.250	0.160	0.000	33.000	-
Total Quantity		33 Cft (Cubic Foot)		0.9344544 Cum (Cubic Meter)				
Amount		0.9344544 X 6579.06439948		6147.84				
Total Amount		294924.02						
<b>Addition</b>								
Display Citizen Board (+) @		2100.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Provision for Contingency (+) @	2949.24
<b>Total Addition</b>	<b>5049.24</b>
<b>Grand Net Total Amount</b>	<b>299973.26</b>

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