

## Detailed Estimate

**OD/366/3517/120492/427937/00063975 : Construction of guardwall from Deula Siragaud to Junapani**  
**Block : Nabarangpur, Gram Panchayat : Bikrampur**  
**Created By:ARABINDA BEHERA**

<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	Excavation in foundation	1.000	105.000	0.600	0.600	0.000	37.800	-
Total Quantity					37.8 cum (cum)		37.8 Cum (Cubic Meter)	
Amount					37.8 X 240.77592		9101.33	
<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	Sand Filling	1.000	105.000	0.600	0.100	0.000	6.300	-
Total Quantity					6.3 cum (cum)		6.3 Cum (Cubic Meter)	
Amount					6.3 X 515.507232		3247.70	
<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	Metal concrete	1.000	105.000	0.600	0.450	0.000	28.350	-

ii	Bed to Tapper section	1.000	105.000	0.520	0.800	0.000	43.680	-
Total Quantity					72.03 cum (cum)		72.03 Cum (Cubic Meter)	
Amount					72.03 X 5152.36516448		371124.86	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shuttering	2.000	105.000	1.050	0.000	0.000	220.500	-
Total Quantity					220.5 Sqm (Sqm)		220.5 Sqm (Square Meter)	
Amount					220.5 X 216.39264180804		47714.58	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Coat	1.000	105.000	0.450	0.060	0.000	2.835	-
Total Quantity					2.835 cum (cum)		2.835 Cum (Cubic Meter)	
Amount					2.835 X 6667.33933676		18901.91	
Total Amount							450090.37	
<b>Addition</b>								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							4909.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9909.00</b>
<b>Grand Net Total Amount</b>	<b>459999.37</b>

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