

## Detailed Estimate

**OD/358/3417/118781/424041/00070167 : Const of Guardwall at Dabriguda Jore of Majhiguda GP**  
**Block : Kokasara, Gram Panchayat : Majhiguda**  
**Created By: Sourav Kumar 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	E/w	1.000	53.000	0.750	0.750	0.000	29.813	-
Total Quantity					29.8125 cum (cum)		29.8125 Cum (Cubic Meter)	
Amount					29.8125 X 240.77592		7178.13	
<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	53.000	0.750	0.150	0.000	5.963	-
Total Quantity					5.9625 cum (cum)		5.9625 Cum (Cubic Meter)	
Amount					5.9625 X 585.045732		3488.34	
<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	PCC	1.000	53.000	0.600	0.600	0.000	19.080	-
ii		1.000	53.000	0.450	1.050	0.000	25.043	-

Total Quantity		44.1225 cum (cum)		44.1225 Cum (Cubic Meter)				
Amount		44.1225 X 5399.9019558		238257.17				
<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	Cement Concrete	1.000	53.000	0.300	0.050	0.000	0.795	-
Total Quantity		0.795 cum (cum)		0.795 Cum (Cubic Meter)				
Amount		0.795 X 6936.9177136		5514.85				
<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	Centering & Suttering	2.000	53.000	0.000	1.150	0.000	121.900	-
Total Quantity		121.9 Sqm (Sqm)		121.9 Sqm (Square Meter)				
Amount		121.9 X 216.39264180804		26378.26				
<b>6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b>								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plaster	1.000	53.000	0.000	1.150	0.000	60.950	-
Total Quantity		60.95 Sqm (Sqm)		60.95 Sqm (Square Meter)				

<b>Amount</b>	<b>60.95 X 189.543008854</b>	<b>11552.65</b>
<b>Total Amount</b>		<b>292369.40</b>
<b>Addition</b>		
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		1630.00
Provision for survey investigation and quality control (+) @		
Provision for Contingency (+) @		3000.00
<b>Total Addition</b>		<b>7630.00</b>
<b>Grand Net Total Amount</b>		<b>299999.40</b>

**Sourav Kumar Behera**  
**JE**  
**Kokasara Block**

**Sukrutanand Mishra**  
**AEE**  
**Kokasara Block**

**Dr Himanchal Majhi**  
**BDO**  
**Kokasara Block**