

## Detailed Estimate

**OD/365/3512/120410/391016/00100410 : CONSTRUCTION OF GUARDWALL SASHIDHAR BEHERA HOUSE TO**

**ANGANWADI CHHAKA AT SALMUNDULI**

**Block : Udala, Gram Panchayat : Bahubandh**

**Created By: PURNIMA 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	G/Wall	1.000	62.000	0.750	0.750	0.000	34.875	-
<b>Total Quantity</b>						<b>34.875 cum (cum)</b>	<b>34.875 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>34.875 X 240.77592</b>	<b>8397.06</b>	
<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	G/Wall	1.000	62.000	0.750	0.150	0.000	6.975	-
<b>Total Quantity</b>						<b>6.975 cum (cum)</b>	<b>6.975 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>6.975 X 600.882532</b>	<b>4191.16</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	G/Wall Base	1.000	62.000	0.750	0.150	0.000	6.975	-
ii	G/Wall	1.000	62.000	0.550	1.000	0.000	34.100	-
<b>Total Quantity</b>						<b>41.075 cum (cum)</b>	<b>41.075 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>41.075 X 5647.3643788</b>	<b>231965.49</b>	

**4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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	G/Wall Top	1.000	62.000	0.400	0.050	0.000	1.240	-
Total Quantity							1.24 cum (cum)	1.24 Cum (Cubic Meter)
Amount							1.24 X 7278.9054306	9025.84

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	G/Wall	2.000	62.000	1.000	0.000	0.000	124.000	-
Total Quantity							124 Sqm (Sqm)	124 Sqm (Square Meter)
Amount							124 X 216.23489289764	26813.13

**6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

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	G/Wall	1.000	62.000	0.000	0.600	0.000	37.200	-
ii	G/Wall	1.000	62.000	0.000	0.500	0.000	31.000	-
Total Quantity							68.2 Sqm (Sqm)	68.2 Sqm (Square Meter)
Amount							68.2 X 191.814224134	13081.73

**Total Amount (A) : 293474.41**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.3590.84	-	3590.84
2	Provision for Contingency @ 1%	-	2934.744072691
<b>Additional Components Amount (F) : 6525.584072691</b>			

<b>Grand Total Amount (A + F) : 299999.99134179</b>
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JE  
Udala Block

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**Samarjit Kar**  
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