

## Detailed Estimate

**OD/365/3498/120220/388888/00069118 : CONSTRUCTION OF GUARD WALL AT MENDHASINGA SALARAPADA**

**Block : Karanjia, Gram Panchayat : Batpalsa**

**Created By: Mitalin Dhal**

<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	150.000	3.000	2.500	0.000	0.000	1125.000	-
Total Quantity					1125 Cft (Cubic Foot)		31.8564 Cum (Cubic Meter)	
Amount					31.8564 X 240.77592		7670.25	
<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	1	150.000	3.000	0.500	0.000	0.000	225.000	-
Total Quantity					225 Cft (Cubic Foot)		6.37128 Cum (Cubic Meter)	
Amount					6.37128 X 1143.818132		7287.59	
<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	Guard wall	1.000	150.000	3.000	0.330	0.000	148.500	-
ii	Bed to top	1.000	150.000	2.000	4.500	0.000	1350.000	-

Total Quantity	1498.5 Cft (Cubic Foot)	42.4327248 Cum (Cubic Meter)
Amount	42.4327248 X 6017.7056238	255347.65

**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	150.000	1.500	0.160	0.000	36.000	-
Total Quantity					36 Cft (Cubic Foot)		1.0194048 Cum (Cubic Meter)	
Amount					1.0194048 X 7568.4872776		7715.35	

**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	150.000	0.000	4.500	0.000	1350.000	-
Total Quantity					1350 Sft (Square Foot)		125.41905 Sqm (Square Meter)	
Amount					125.41905 X 216.23489289764		27119.97	

**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	2.000	150.000	0.000	3.000	0.000	900.000	-

Total Quantity	900 Sft (Square Foot)	83.6127 Sqm (Square Meter)
Amount	83.6127 X 195.543960214	16349.96
<b>Total Amount</b>		<b>321490.77</b>
<b>Addition</b>		
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		877.00
Provision for survey investigation and quality control (+) @		
Provision for Contingency (+) @		3214.91
<b>Total Addition</b>		<b>7091.91</b>
<b>Grand Net Total Amount</b>		<b>328582.68</b>

**Mitalin Dhal**  
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**LOKANATH NAIK**  
**AEE**  
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**PRADYUMNA KUMAR NAYAK**  
**BDO**  
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