

## Detailed Estimate

**OD/363/3476/119889/429921/00068885 : Construction of protection wall at patrapondi Panijhola Bedha**  
**Block : Nandapur, Gram Panchayat : Thuba**  
**Created By:Rajesh Kumar Khosla**

<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	PROTECTION WALL	1.000	32.500	0.600	0.600	0.000	11.700	-
Total Quantity					11.7 cum (cum)		11.7 Cum (Cubic Meter)	
Amount					11.7 X 240.77592		2817.08	
<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	PROTECTION WALL	1.000	32.500	0.600	0.050	0.000	0.975	-
Total Quantity					0.975 cum (cum)		0.975 Cum (Cubic Meter)	
Amount					0.975 X 848.302232		827.09	
<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	PROTECTION WALL	1.000	32.500	0.600	0.600	0.000	11.700	-

ii		1.000	32.500	0.600	0.900	0.000	17.550	-
Total Quantity					29.25 cum (cum)		29.25 Cum (Cubic Meter)	
Amount					29.25 X 5862.68285894		171483.47	
<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	PROTECTION WALL	2.000	32.500	0.000	0.900	0.000	58.500	-
Total Quantity					58.5 Sqm (Sqm)		58.5 Sqm (Square Meter)	
Amount					58.5 X 216.23489289764		12649.74	
<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	PROTECTION WALL	1.000	32.500	0.600	0.050	0.000	0.975	-
Total Quantity					0.975 cum (cum)		0.975 Cum (Cubic Meter)	
Amount					0.975 X 7330.59007778		7147.33	
<b>Total Amount</b>							<b>194924.71</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1949.25	

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	126.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5075.25</b>
<b>Grand Net Total Amount</b>	<b>199999.96</b>

**Rajesh Kumar Khosla**  
JE  
Nandapur Block

**Prakash Kumar Pradhan**  
AEE  
Nandapur Block

**DURGA PRASADA DORA**  
BDO  
Nandapur Block