

**Estimate Abstract**

**OD/352/3350/117272/403300/00100094 : Construction of Boundarywall and Repair renovation at Nadhanpur UP School**  
**Block : Dhenkanal Sadar, Gram Panchayat : Mangalpur**  
**Created By:NIBEDITA PARIDA**

Sl No	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
1	<b>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			
	18	Cubic Meter	240.77592	4333.96656
2	<b>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.			
	3	Cubic Meter	954.806732	2864.420196
3	<b>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.			
	3	Cubic Meter	5806.67784384	17420.03353152
4	<b>Masonry Stone Work : AR0717 (Laterite stone masonry) :</b> Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.			
	16.3125	Cubic Meter	5497.111942112	89671.638555702
5	<b>Masonry Brick Work : AR0603bi (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure) :</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.			
	22.5	Cubic Meter	5032.071137712	113221.60059852
6	<b>Plastering : AR1014 (16mm thick cement Plaster in CM (1:6) over brick work in inside.) :</b> 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.			
	192.5	Square Meter	246.928671128	47533.76919214

7	<b>Plastering : AR1004k (12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance).)</b> : 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge(For repair and maintenance).			
	48	Square Meter	174.9160356168	8395.9697096064
8	<b>Painting : AR0901a (Priming one coat in inner surface with primer of approved quality over woodwork) :</b> Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.			
	240	Square Meter	70.08544099121	16820.50583789
9	<b>Painting : AR0918Ai (Finishing wall one coat with weather coat) :</b> Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.			
	240	Square Meter	57.0910986525	13701.8636766
10	<b>Other Building Items. : AR1901B (Vitrified Tile 600mmx600mm Plain Ivory) :</b> Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)			
	35	Square Meter	1005.8518101534	35204.813355369
11	<b>R.C.C. Work : AR0404A (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips) :</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)			
	3.125	Cubic Meter	5945.0501261168	18578.281644115
12	<b>R.C.C. Work : AR0409 (Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position) :</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.			
	3	Quintal	8377.8850974	25133.6552922
13	<b>Painting : AR0922 (Finishing wall two coats with distemper of approved shades on new work (Inside)) :</b> Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)			
	84	Square Meter	78.835517175	6622.1834427
14	<b>Painting : AR0919 (Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)) :</b> Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)			

84	Square Meter	61.2232611525	5142.75393681
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**Total Amount (A) : 404645.45552917**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ Rs.36000	-	36000
2	Provision for Contingency @ 1%	-	4046.4545552917
3	Display Citizen Board @ Rs.5000	-	5000

**Additional Components Amount (F) : 45046.454555292**

**Grand Total Amount (A + F) : 449691.91008446**

**NIBEDITA PARIDA**  
**JE**  
Dhenkanal Sadar Block

**Ramratan Bhuyan**  
**AEE**  
Dhenkanal Sadar Block

**Rahul Mandal**  
**BDO**  
Dhenkanal Sadar Block