

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Naktideul	Gram Panchayat	Naktideul

Work Code	OD/371/3564/121390/382535/00045462 (CONSTRUCTION OF BOUNDRYWALL AT NAKTIDEUL BLOCK COLONY)
Project Category	Building

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Naktideul	Proposal Date	-
Date of Commencement	16-08-2025	Date of Completion	26-11-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Staff Quarter	Project Type	New Work
Name of Executant	Yogindra Seth		

Administrative Approval Details

Approval No.	OD/371/3564/121390/382535/00045462/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3564/121390/382535/00045462/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	36.45	Cum

	i	Un-Skilled	0.516	18.8082	-
2		Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.	-	4.374	Cum
	i	Un-Skilled	0.1236	0.5406264	-
3		Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	4.374	Cum
	i	Skilled	0.18	0.78732	-
	ii	Un-Skilled	3.9	17.0586	-

4	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	-	252	Sqm
i	Un-Skilled	0.12	30.24	-
ii	Skilled	0.14	35.28	-
5	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.</p>	-	252	Sqm
i	Un-Skilled	0.24	60.48	-
ii	Skilled	0.16	40.32	-

6	R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9). - R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).	-	23.331375	Cum
i	Un-Skilled	1.3333	31.1077222875	-
ii	Skilled	0.1	2.3331375	-
iii	Semi-Skilled	0.0573	1.3368877875	-

7	<p>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</p>	-	91.98	Sqm
i	Semi-Skilled	0.05	4.599	-
ii	Skilled	0.05	4.599	-
8	<p>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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. beams, column, girder and bressmer, etc. Data for 4.2sqm</p>	-	164.25	Sqm
i	Semi-Skilled	0.6547619047619	107.54464285714	-
ii	Skilled	0.6547619047619	107.54464285714	-

9	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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.</p>	-	49.266	Cum
i	Un-Skilled	2.96	145.82736	-
ii	Skilled	1.05	51.7293	-
iii	Highly-Skilled	0.35	17.2431	-
10	<p>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 - 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.</p>	-	20.889	Qntl

	i	Un-Skilled	0.8	16.7112	-
	ii	Highly-Skilled	0.3	6.2667	-
	iii	Semi-Skilled	0.044	0.919116	-
11		Painting (AR0918Ai) : Finishing wall one coat with weather coat - 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.	-	545.4	Sqm
	i	Un-Skilled	0.043	23.4522	-
	ii	Highly-Skilled	0.036	19.6344	-
12		Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	545.4	Sqm
	i	Highly-Skilled	0.053763440860215	29.322580645161	-

	ii	Un-Skilled	0.053763440860215	29.322580645161	-
13		Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	2.7	Sqm
	i	Highly-Skilled	0.18817204301075	0.50806451612903	-
	ii	Un-Skilled	0.17204301075269	0.46451612903226	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	374.01300546169	462	172794.0085233
1	Skilled	242.59340035714	562	136337.49100071
2	Semi-Skilled	114.39964664464	512	58572.619082057
3	Highly-Skilled	72.97484516129	612	44660.60523871
Total:				412364.72384478