

BILLING DPR							
State	Odisha	District	Sambalpur	Block	Naktideul	Gram Panchayat	Naktideul
Work Code	OD/371/3564/121390/382535/00045462 (CONSTRUCTION OF BOUNDARYWALL AT NAKTIDEUL BLOCK COLONY)						
Project Category	Building						
Financial Year	2021-22		Execution Level		PS		
Executing Agency	Panchayat Samiti, Naktideul		Bill Status		Final Bill		
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				

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

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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	-	32.805	Cum
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.	-	3.645	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.645	1 Cum

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.	-	3.645	Cum
i)	BRM340 : Cement	2.29	8.34705	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.7496	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.4992	1 Cum.
4	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.	-	289.43	Sqm
i)	BRM340 : Cement	0.0358	10.361594	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	4.34145	1 Cum
5	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.	-	289.43	Sqm
i)	BRM340 : Cement	0.043	12.44549	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	5.20974	1 Cum
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).	-	22.39285	Cum
i)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	8.061426	1 Cum.
ii)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	12.092139	1 Cum.
iii)	BRM340 : Cement	3.4733	77.777085905	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.0767825	1 Cum

7	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	-	94.4058	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.252063486	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	11.8951308	1Mtr.
8	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	-	142.32	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	78.614857142857	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.73870857142857	1Cum.
9	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.	-	53.34405	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	53.34405	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	21337.62	1000 Nos
iii)	BRM340 : Cement	0.672	35.8472016	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	14.936334	1 Cum
10	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.	-	22.25	Qntl
i)	BRM162 : Binding Wire.	0.8	17.8	1 Kg.
ii)	BRM341 : Steel	1.05	23.3625	1 Qntl.
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.	-	578.86	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	43.4145	1 Ltr

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.	-	578.86	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	48.62424	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.645	1 Cum	346.01	1261.20645
2	BRM340	144.778421505	1 Qntl.	562.787	81479.413503534
3	BRM028	36.3139065	1 Cum	352.89	12814.814464785
4	BRM044	3.4992	1 Cum.	1486.41	5201.245872
5	BRM060	8.061426	1 Cum.	1955.08	15760.73274408
6	BRM052	12.092139	1 Cum.	1918.7	23201.1870993
7	BRM104	0.99077205742857	1Cum.	58573.086	58032.576926161
8	BRM092	11.8951308	1Mtr.	229.106	2725.2458370648
9	BRM084	78.614857142857	1Mtr	250.166	19666.764352
10	BRMMR0025	53.34405	1 Cum	33	1760.35365
11	BRM006	21337.62	1000 Nos	5.24616	111940.5685392
12	BRM162	17.8	1 Kg.	90	1602
13	BRM341	23.3625	1 Qntl.	6723.027	157066.7182875
14	BRM255	43.4145	1 Ltr	195.03787	8467.471607115
15	BRM253	48.62424	1 Ltr	159.27787	7744.7653775688

Total: 508725.06471031