

ESTIMATION DPR							
State	Odisha	District	Boudh	Block	Harabhanga	Gram Panchayat	Lunibahal

Work Code	OD/349/3330/116804/418592/00065315 (CONSTRUCTION OF BOUNDARY WALL AT Lunibahal Nodal UGME School)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Harabhanga	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Elementary School	Project Type	New Work
Name of Executant	D Madhusudan Dora		

Administrative Approval Details

Approval No.	OD/349/3330/116804/418592/00065315/AS
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Technical Sanction Details

Technical Sanction No.	OD/349/3330/116804/418592/00065315/TS
Fund Sanction No.	28365
Fund Sanction Amount (in Rs.)	420000

ROYALTY 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	-	13.1625	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.	-	4.3875	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.3875	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.	-	13.1625	Cum
i)	BRM340 : Cement	2.29	30.142125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.318	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.636	1 Cum.

4	R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	10.58275	Cum
i)	BRM340 : Cement	3.4733	36.757065575	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.7622375	1 Cum
iii)	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	3.80979	1 Cum.
iv)	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	5.714685	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.04238391375	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.00974671275	1Mtr.

5	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.	-	8.99	Qntl
i)	BRM341 : Steel	1.05	9.4395	1 Qntl.
6	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	-	79.8	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.213066	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0489972	1Mtr.

7	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/cm ² 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.	-	22.3125	Cum
i)	BRM340 : Cement	0.672	14.994	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.2475	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	7809.375	1000 Nos
8	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.	-	97.5	Sqm
i)	BRM340 : Cement	0.0358	3.4905	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.4625	1 Cum

9	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.	-	97.5	Sqm
i)	BRM340 : Cement	0.043	4.1925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.755	1 Cum
10	Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - 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.	-	195	Sqm
i)	BRM138 : Wood Primer	0.075	14.625	1 Litre
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.	-	195	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	14.625	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.3875	1 Cum	40.25	176.596875
2	BRM028	20.5452375	1 Cum	40.25	826.945809375
3	BRM044	12.636	1 Cum.	149.5	1889.082

4	BRM060	3.80979	1 Cum.	149.5	569.563605
5	BRM052	5.714685	1 Cum.	149.5	854.3454075
Total: 4316.533696875					