

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Muniguda	Gram Panchayat	Saradhapur

Work Code	OD/370/3554/121221/424749/00056749 (REPAIR AND MAINTANCE OF SARADHAPUR HIGH SCHOOL)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Muniguda	Proposal Date	-
Date of Commencement	11-11-2025	Date of Completion	-
Scheme Name	Construction of Additional Class Room in Secondary Schools	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Secondary School	Project Type	Repair and Maintenance
Name of Executant	Sanjam Kumar Nayak		

Administrative Approval Details

Approval No.	OD/370/3554/121221/424749/00056749/AS
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Technical Sanction Details

Technical Sanction No.	OD/370/3554/121221/424749/00056749/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	120000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1621) ∴.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	90.25	Sqm

2	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.	-	216	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	18.144	1 Ltr
3	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - 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)	-	216	Sqm
i)	BRM142 : Distemper	0.25	54	1 Kg.
4	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	6.4	Sqm
i)	BRM141 : Enamel paint	0.125	0.8	1 Litre

5	Plastering (AR1004) :.First Floor - 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.	-	6	Sqm
i)	BRM340 : Cement	0.0358	0.2148	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.09	1 Cum
6	Concrete (AR0318) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)	-	90.25	Sqm
i)	BRM340 : Cement	0.1287	11.615175	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.6245	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1.6245	1 Cum.

iv)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1.6245	1 Cum.
7	Dismantling (AR1612) :Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	24	Sqm
8	Flooring (AR0802i) :2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	24	Sqm
i)	BRM340 : Cement	0.0858	2.0592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.288	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	0.552	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM253	18.144	1 Ltr	159.33732	2891.01633408
2	BRM142	54	1 Kg.	70.30732	3796.59528
3	BRM141	0.8	1 Litre	205.64732	164.517856
4	BRM340	13.889175	1 Qntl.	543.752	7552.2666846
5	BRM028	2.0025	1 Cum	417.99	837.024975
6	BRM064	1.6245	1 Cum.	1191.31	1935.283095

7	BRM056	2.1765	1 Cum.	1737.73	3782.169345
					Total: 20958.87356968