

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Chakapad	Gram Panchayat	Kakharujhol

Work Code	OD/359/3423/118886/416064/00063878 (Repair & Maintenance of Primary School, Neduguda)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Chakapad	Proposal Date	13-01-2024
Date of Commencement	09-04-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	Jita Pattmajhi		

Administrative Approval Details

Approval No.	OD/359/3423/118886/416064/00063878/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3423/118886/416064/00063878/TS
Fund Sanction No.	970
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	109.98	Sqm

2	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.</p>	-	10.998	Cum
i)	BRM340 : Cement	2.29	25.18542	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.27904	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	10.55808	1 Cum.
3	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - 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)</p>	-	109.98	Sqm
i)	BRM174 : White Cement.	0.0076	0.835848	1Qntl
ii)	BRM340 : Cement	0.1074	11.811852	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.30958	1 Cum

iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	109.98	1 Sqm.
4	Flooring (AR0817ba) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Plain (Ivory) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Plain (Ivory) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	11.73	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	11.73	1 Sqm.
ii)	BRM340 : Cement	0.1375	1.612875	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.17595	1 Cum

5	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-		124.52	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125		15.565	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084		10.45968	1 Ltr
6	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-		329.12	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125		41.14	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084		27.64608	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	38.610147	1 Qntl.	617.175	23829.217474725
2	BRM028	7.76457	1 Cum	925.77	7188.2059689
3	BRM045	10.55808	1 Cum.	1558.13	16450.8611904
4	BRM174	0.835848	1Qntl	2056.235	1718.69991228
5	BRM131	121.71	1 Sqm.	664.6084447	80889.493804437

6	BRM255	15.565	1 Ltr	195.18055	3037.98526075
7	BRM252	38.10576	1 Ltr	125.89055	4797.155084568
8	BRM140	41.14	1 Litre	249.73055	10273.914827
					Total: 148185.53352306