

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Kakat Pur	Gram Panchayat	Lataharan

Work Code	OD/369/3540/120964/409119/00061475 (Maintenance of Dhurujang UP school.)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Kakat Pur	Proposal Date	-
Date of Commencement	14-11-2025	Date of Completion	27-11-2025
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	PRACHI PRANGYA SAHOO AE		

Administrative Approval Details

Approval No.	OD/369/3540/120964/409119/00061475/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3540/120964/409119/00061475/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	400000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	2.43	Cum

i)	BRM340 : Cement	2.29	5.5647	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.1664	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.3328	1 Cum.
2	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.	-	55.82	Sqm
i)	BRM340 : Cement	0.043	2.40026	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.00476	1 Cum
3	Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps 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 dados skirting and risers of steps 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.	-	104.1175	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	104.1175	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	104.1175	1 Sqm
iii)	BRM340 : Cement	0.1375	14.31615625	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.5617625	1 Cum
4	Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	29.09	Sqm
i)	BRMMR0027 : Wax Polish	1	29.09	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	29.09	1 Sqm.
iii)	BRM340 : Cement	0.2737	7.961933	1 Qntl.

iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.37817	1 Cum
5	Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	12	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	12	1 Sqm.
ii)	BRM340 : Cement	0.1375	1.65	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.18	1 Cum

6	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.	-	486.5775	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	40.87251	1 Ltr
7	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.	-	49.95	Sqm
i)	BRM137 : Red oxide Primer	0.054	2.6973	1 Litre
ii)	BRM141 : Enamel paint	0.125	6.24375	1 Litre
8	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	486.5775	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	60.8221875	1 Ltr

ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	43.948935483871	1 Ltr
9	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	2.31345	Qntl
i)	BRM341 : Steel	1	2.31345	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	31.89304925	1 Qntl.	589.887	18813.295142935
2	BRM028	4.2910925	1 Cum	780.67	3349.927181975
3	BRM044	2.3328	1 Cum.	2168.91	5059.633248
4	BRM131	104.1175	1 Sqm.	660.6811111	68788.465584954
5	BRMMR0027	133.2075	1 Sqm	8.5	1132.26375
6	BRM130	29.09	1 Sqm.	459.6811111	13372.123521899
7	BRM129	12	1 Sqm.	414.8011111	4977.6133332
8	BRM253	84.821445483871	1 Ltr	159.27787	13510.179166992
9	BRM137	2.6973	1 Litre	142.94787	385.573289751
10	BRM141	6.24375	1 Litre	205.58787	1283.6392633125
11	BRM255	60.8221875	1 Ltr	195.03787	11862.629898741
12	BRM341	2.31345	1 Qntl.	6192.277	14325.52322565
Total: 156860.86660741					