

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Bhanjanagar	Gram Panchayat	Dadaralunda

Work Code	OD/354/3367/117638/410539/00017535 (REPAIR AND MAINTENANCE OF PS AT G RAMBHA)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhanjanagar	Proposal Date	17-05-2023
Date of Commencement	21-08-2025	Date of Completion	05-09-2025
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	RABINDRANATH NAIK		

Administrative Approval Details

Approval No.	OD/354/3367/117638/410539/00017535/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/354/3367/117638/410539/00017535/TS
Fund Sanction No.	10574
Fund Sanction Amount (in Rs.)	250000

MATERIAL STATEMENT

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

1	Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	201.7716	Sqm
i)	BRM143 : Cement paint	0.25	50.4429	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	2.171756683871	1 Qntl.
2	Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.co mplete. and as per the direction of Engineer in Charge.	-	241.4564	Sqm
i)	BRMMR0038 : Cement based putty	0.8	193.16512	kg

3	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	5.19477	Cum
i)	BRM340 : Cement	3.23	16.7791071	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.3376465	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)	0.9	4.675293	1 Cum.
4	<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>	-	103.8954	Sqm
i)	BRM174 : White Cement.	0.0076	0.78960504	1Qntl
ii)	BRM340 : Cement	0.1074	11.15836596	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.1818034	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	103.8954	1 Sqm.
5	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.	-	12.108	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	12.108	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	12.108	1 Sqm
iii)	BRM340 : Cement	0.1375	1.66485	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.18162	1 Cum

6	Painting(AR0901ak) :.Priming one coat in inner surface with primer of approved quality over woodwork(For repair and maintenance). - 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(For repair and maintenance).	-		547.12	Sqm
i)	BRM138 : Wood Primer	0.075		41.034	1 Litre
7	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)	-		201.77	Sqm
i)	BRM142 : Distemper	0.25		50.4425	1 Kg.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM143	50.4429	1 Kg.	48.19677	2431.184849433
2	BRM340	31.774079743871	1 Qntl.	599.177	19038.297778693
3	BRMMR0038	193.16512	kg	30	5794.9536
4	BRM028	4.7010699	1 Cum	472.44	2220.973463556
5	BRM056	4.675293	1 Cum.	1802.83	8428.75847919
6	BRM174	0.78960504	1Qntl	2053.857	1621.7358386393
7	BRM131	116.0034	1 Sqm.	663.9538891	77020.908578823
8	BRMMR0027	12.108	1 Sqm	8.5	102.918
9	BRM138	41.034	1 Litre	155.44677	6378.60276018
10	BRM142	50.4425	1 Kg.	70.46677	3554.520045725
Total: 126592.85339424					