

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Mathili	Gram Panchayat	Chedenga

Work Code	OD/364/3485/120011/430403/00038438 (Repair & Maintainance of Primary School Sanakarapally)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Mathili	Proposal Date	-
Date of Commencement	12-01-2026	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	Divyasingh Brahma		

Administrative Approval Details

Approval No.	OD/364/3485/120011/430403/00038438/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3485/120011/430403/00038438/TS
Fund Sanction No.	27871
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1624) .:Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	7.16625	Cum

2	<p>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.</p>	-	51.3595	Sqm
3	<p>Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	215.8582	Sqm
4	<p>Masonry Brick Work (AR0603ei) :.C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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.</p>	-	5.31254	Cum
i)	<p>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</p>	1	5.31254	1 Cum
ii)	<p>BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.</p>	400	2125.016	1000 Nos

iii)	BRM340 : Cement	0.672	3.57002688	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.4875112	1 Cum
5	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	1.716	Qntl
i)	BRM341 : Steel	1	1.716	1 Qntl.
6	Roofing (AR1132a) :.Labour for fixing G.C.I. Sheet in roof - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	76.72	Sqm
7	Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	5.1893	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	4.981728	1 Cum.
ii)	BRM340 : Cement	1.72	8.925596	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.490864	1 Cum

8	<p>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.</p>	-	52.6175	Sqm
i)	BRM340 : Cement	0.0858	4.5145815	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.63141	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	1.2102025	1 Cum.
9	<p>Plastering (AR1014k) ::16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) . - 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(For repair and maintenance).</p>	-	115.7115	Sqm
i)	BRM340 : Cement	0.043	4.9755945	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.082807	1 Cum

10	Plastering (AR1004ik) :.12mm thick cement plaster (1:6) over Brick work in outside(For repair and maintenance). - 12mm thick cement plaster (1:6) over Brick work in outside 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(For repair and maintenance).	-	146.2249999214	Sqm
i)	BRM340 : Cement	0.0358	5.2348549997186	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.1933749998821	1 Cum
11	Painting(AR0920b) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound 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)	-	155.1215	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	19.3901875	1 Litre
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	13.030206	1 Ltr

12	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.	-	25.07625	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.3541175	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.13453125	1 Litre
13	Dismantling (AR1616) :.Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	29.0628	Sqm
14	Roofing (AR1132) :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	29.0628	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	29.0628	1 Sqm

15	Plastering (AR1033) :White washing two coats with stone lime in any surface - White washing two coats with stone lime in any surface including all costs of labour, coaltar and brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	78.817	Sqm
i)	BRM031 : Stone lime unslaked.	1.149247311828	90.580225376344	1 Kg.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	5.31254	1 Cum	33	175.31382
2	BRM002	2125.016	1000 Nos	5.15861	10962.12878776
3	BRM340	27.220653879719	1 Qntl.	573.977	15624.029251919
4	BRM028	8.8859671998821	1 Cum	483.09	4292.721894591
5	BRM341	1.716	1 Qntl.	6214.317	10663.767972
6	BRM044	4.981728	1 Cum.	1949.16	9710.18494848
7	BRM056	1.2102025	1 Cum.	2350.53	2844.617282325
8	BRM140	19.3901875	1 Litre	249.70677	4841.8610903194
9	BRM253	13.030206	1 Ltr	159.39677	2076.9727488346
10	BRM137	1.3541175	1 Litre	143.06677	193.72921692547
11	BRM141	3.13453125	1 Litre	205.70677	644.79429890156
12	BRM149	29.0628	1 Sqm	318.453602	9255.1533442056
13	BRM031	90.580225376344	1 Kg.	21.88	1981.8953312344
Total: 73267.169987496					