

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Korukonda	Gram Panchayat	Mariwada

Work Code	OD/364/3482/119971/430325/00039504 (Repair and maintenance of Primary School building a MPV-18(B))
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Korukonda	Proposal Date	-
Date of Commencement	-	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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
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 (AR1603) .:Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	0.7038	Cum

2	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.	-	34.8	Sqm
3	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.	-	110.12	Sqm
4	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 the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	44.1	Sqm
5	Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	42.8	Sqm
i)	BRM340 : Cement	0.0358	1.53224	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.642	1 Cum

6	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.	-	26.1	Sqm
i)	BRM340 : Cement	0.043	1.1223	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.4698	1 Cum
7	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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.	-	3.26232	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	3.26232	1 Cum
ii)	BRM340 : Cement	0.672	2.19227904	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.9134496	1 Cum

iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance \pm 2 %	350	1141.812	1000 Nos
8	Roofing (AR1135i) :G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	105.36	Sqm
i)	BRMMR0036 : Add for cost of Bolts & Nuts in GI Sheet walling	0.10752688172043	11.329032258065	L.S.
ii)	BRM150 : G.C.I. Sheet 0.40mm thick	1	105.36	1 Sqm.
9	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.	-	9.4255	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.04848	1 Cum.
ii)	BRM340 : Cement	1.72	16.21186	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.52424	1 Cum

10	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)	-	74.265	Sqm
i)	BRM142 : Distemper	0.25	18.56625	1 Kg.
11	Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	80.29	Sqm
i)	BRM340 : Cement	0.0858	6.888882	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.96348	1 Cum
iii)	BRM057 : 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)(Hand broken)	0.023	1.84667	1 Cum.
12	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)	-	166.78	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	20.8475	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	14.00952	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	27.94756104	1 Qntl.	579.922	16207.405493439
2	BRM028	7.5129696	1 Cum	548.19	4118.534805024
3	BRMMR0025	3.26232	1 Cum	33	107.65656
4	BRM005	1141.812	1000 Nos	6.4484	7362.8605008
5	BRMMR0036	11.329032258065	L.S.	30	339.87096774194
6	BRM150	105.36	1 Sqm.	334.5222638	35245.265713968
7	BRM044	9.04848	1 Cum.	1466.56	13270.1388288
8	BRM142	18.56625	1 Kg.	70.52622	1309.407432075
9	BRM057	1.84667	1 Cum.	1556.5	2874.341855
10	BRM255	20.8475	1 Ltr	195.21622	4069.77014645
11	BRM252	14.00952	1 Ltr	125.92622	1764.1658976144
Total: 86669.418200912					