

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Dhenkanal	<b>Block</b>	Odapada	<b>Gram Panchayat</b>	Bangurisingha
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<b>Work Code</b>	OD/352/3355/117390/402926/00077656 (Repair & Maintenance of Bangursingh Upper Primary School)		
<b>Project Category</b>	Building		

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Odapada	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	25-01-2026	<b>Date of Completion</b>	06-02-2026
<b>Scheme Name</b>	Asset Management School and Mass Education Department	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	Sadashiba Behera		

**Administrative Approval Details**

<b>Approval No.</b>	OD/352/3355/117390/402926/00077656/AS
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**Technical Sanction Details**

<b>Technical Sanction No.</b>	OD/352/3355/117390/402926/00077656/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	200000

**MATERIAL STATEMENT**

<b>Sl.No.</b>	<b>Activity Name/Material</b>	<b>Qty/unit (B=Analysis Basic Qty/Header Unit)</b>	<b>Quantity (Meaurement Qty)</b>	<b>Unit</b>
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1	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.414	Cum
i)	<b>BRM340</b> : Cement	2.29	7.81806	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.63872	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.27744	1 Cum.
2	<p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	2.49	Cum
i)	<b>BRM340</b> : Cement	0.672	1.67328	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.6972	1 Cum

iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	871.5	1000 Nos
3	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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.	-	<b>141.98</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	6.10514	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	2.55564	1 Cum
4	<b>Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>48.875</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	1.81815	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.3665625	1 Cum

5	<b>Iron Work(AR1704)</b> : <b>Iron Doors and windows fixing -</b> 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.	-	<b>2.2032</b>	Qntl
i)	<b>BRM341 : Steel</b>	1	2.2032	1 Qntl.
6	<b>Other Building Items. (AR1902) :.cement based wall putty (water based) -</b> 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. complete. and as per the direction of Engineer in Charge.	-	<b>41.075</b>	Sqm
i)	<b>BRMMR0038 : Cement based putty</b>	0.8	32.86	kg
7	<b>Painting(AR0901d)</b> : <b>Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</b> 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.	-	<b>197.755</b>	Sqm
i)	<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.084	16.61142	1 Ltr

8	<b>Painting(AR0922)</b> :.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)	-	152.06	Sqm
i)	<b>BRM142</b> : Distemper	0.25	38.015	1 Kg.
9	<b>Painting(AR0903b)</b> :.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.	-	10.98	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.59292	1 Litre
ii)	<b>BRM141</b> : Enamel paint	0.125	1.3725	1 Litre
10	<b>Painting(AR0918f)</b> :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old 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)	-	50.375	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	6.296875	1 Ltr

11	<b>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory -</b> 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)	-	47.82	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.363432	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	5.135868	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.00422	1 Cum
iv)	<b>BRM131</b> : 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	47.82	1 Sqm.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	22.550498	1 Qntl.	563.667	12710.971556166
2	<b>BRM028</b>	6.2623425	1 Cum	574.23	3596.024933775
3	<b>BRM044</b>	3.27744	1 Cum.	1323.34	4337.1674496
4	<b>BRM005</b>	871.5	1000 Nos	5.9883	5218.80345
5	<b>BRM341</b>	2.2032	1 Qntl.	5999.337	13217.7392784
6	<b>BRMMR0038</b>	32.86	kg	30	985.8
7	<b>BRM253</b>	16.61142	1 Ltr	159.27787	2645.8315952754
8	<b>BRM142</b>	38.015	1 Kg.	70.34787	2674.27427805
9	<b>BRM137</b>	0.59292	1 Litre	142.94787	84.7566510804
10	<b>BRM141</b>	1.3725	1 Litre	205.58787	282.169351575
11	<b>BRM255</b>	6.296875	1 Ltr	195.03787	1228.1290876563
12	<b>BRM174</b>	0.363432	1Qntl	2041.967	742.116150744
13	<b>BRM131</b>	47.82	1 Sqm.	660.6811111	31593.770732802

