

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Hatadihi	<b>Gram Panchayat</b>	Panchugochi a
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<b>Work Code</b>	OD/361/3449/119403/387074/00071675 (Repair and Maintenece of Govt. Primary School at bareswar )
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Hatadihi	<b>Proposal Date</b>	22-10-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<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>			

## Administrative Approval Details

<b>Approval No.</b>	
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## Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	150000

## ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge. -</b></p> <p>Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</p>	Sqm	274.905	5.12	1407.5136
2	<p><b>Dismantling (AR1621) : Removing old grading plaster from roof -</b></p> <p>Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	74.86	77.77	5821.8622

3	<p><b>Dismantling (AR1613) : Removing old lime or cement plaster -</b>  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>	Sqm	89.4	50.174193548387	4485.5729032258
4	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b> 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	89	175.1688860464	15590.03085813

5	<p style="text-align: center;"><b>Painting (AR0922) :</b>  <b>Finishing wall two coats with distemper of approved shades on new work (Inside) -</b>          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)</p>	Sqm	277.75	78.835517175	21896.564895356
6	<p style="text-align: center;"><b>Painting (AR0918Ai) :</b>  <b>Finishing wall one coat with weather coat -</b>          Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	133.44	57.0910986525	7618.2362041896

7	<p style="text-align: center;"><b>Painting (AR0920k) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) -</b>          Finishing wall two coats with plastic emulsion paint 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)(For Repair and maintenance)</p>	Sqm	140.71	95.2170467875	13397.990653469
8	<p style="text-align: center;"><b>Painting (AR0901b) :</b>  <b>Priming one coat in inner surface with primer of approved quality over iron work. -</b>          Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	27.18	66.11573166851	1797.0255867501

9	<p style="text-align: center;"><b>Painting (AR0903i) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface) -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	27.18	164.22772665202	4463.7096104019
10	<p style="text-align: center;"><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>  - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)</p>	Sqm	74.86	759.8724000696	56884.04786921

11	<p><b>Dismantling (AR1625) :</b>  <b>Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet -</b>  Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	9.7199999973	175.60967741935	1706.9260640419
12	<p><b>R.C.C. Work (AR0404Ag) :</b>  <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	0.243	12810.292307283	3112.9010306698
<b>Total Amount (in Rs.): 138182.38147544</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</b> - Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</p>	-	274.905	Sqm
2	<p><b>Dismantling (AR1621) : Removing old grading plaster from roof</b> - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	74.86	Sqm
i	Un-Skilled	0.166666666666667	12.4766666666667	-
3	<p><b>Dismantling (AR1613) : Removing old lime or cement plaster</b> - 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>	-	89.4	Sqm

	i	Un-Skilled	0.10752688172043	9.6129032258065	-
4		<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	89	Sqm
	i	Un-Skilled	0.12	10.68	-
	ii	Skilled	0.14	12.46	-
5		<b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) -</b> 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)	-	277.75	Sqm
	i	Highly-Skilled	0.052	14.443	-
	ii	Un-Skilled	0.062	17.2205	-

6	<b>Painting (AR0918Ai) : Finishing wall one coat with weather coat</b> - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	133.44	Sqm
i	Un-Skilled	0.043	5.73792	-
ii	Highly-Skilled	0.036	4.80384	-
7	<b>Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance)</b> - Finishing wall two coats with plastic emulsion paint 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)(For Repair and maintenance)	-	140.71	Sqm
i	Highly-Skilled	0.05508	7.7503068	-
ii	Un-Skilled	0.06528	9.1855488	-

8	<b>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	27.18	Sqm
i	Highly-Skilled	0.053763440860215	1.4612903225806	-
ii	Un-Skilled	0.053763440860215	1.4612903225806	-
9	<b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</b>	-	27.18	Sqm
i	Highly-Skilled	0.13440860215054	3.6532258064516	-
ii	Un-Skilled	0.11827956989247	3.2148387096774	-

10	<p><b>Concrete (AR0318) :</b>  <b>4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) -</b> 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	74.86	Sqm
i	Un-Skilled	1.008	75.45888	-
ii	Highly-Skilled	0.165	12.3519	-
11	<p><b>Dismantling (AR1625) :</b>  <b>Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet -</b> Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	9.7199999973	Sqm
i	Un-Skilled	0.37634408602151	3.6580645151129	-

12	<b>R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	0.243	Cum
i	Un-Skilled	1.3333	0.3239919	-
ii	Skilled	3.15525	0.76672575	-
iii	Semi-Skilled	3.11255	0.75634965	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	149.03060413984	462	68852.139112608
2	Skilled	13.22672575	562	7433.4198715
3	Highly-Skilled	44.463562929032	612	27211.700512568
4	Semi-Skilled	0.75634965	512	387.2510208

**MATERIAL STATEMENT**

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>miscellaneous(ARM12 2) :.Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</b> - Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.	-	<b>274.905</b>	Sqm
i)	<b>BRMM122</b> : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting)	1	274.905	Sqm
2	<b>Dismantling (AR1621) :.Removing old grading plaster from roof</b> - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	<b>74.86</b>	Sqm
3	<b>Dismantling (AR1613) :.Removing old lime or cement plaster</b> - 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.	-	<b>89.4</b>	Sqm

4	<b>Plastering (AR1004)</b> :.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.	-	89	Sqm
i)	<b>BRM340</b> : Cement	0.0358	3.1862	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.335	1 Cum
5	<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)	-	277.75	Sqm
i)	<b>BRM142</b> : Distemper	0.25	69.4375	1 Kg.
6	<b>Painting(AR0918Ai)</b> :.Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	133.44	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	10.008	1 Ltr

7	<p><b>Painting(AR0920k)</b>  <b>:.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) -</b>          Finishing wall two coats with plastic emulsion paint 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)(For Repair and maintenance)</p>	-	140.71	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	17.58875	1 Litre
8	<p><b>Painting(AR0901b)</b>  <b>:.Priming one coat in inner surface with primer of approved quality over iron work. -</b> Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	27.18	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	1.46772	1 Litre
9	<p><b>Painting(AR0903i)</b>  <b>:.Painting two coats of enamel paint in outer surface paint (outer surface) -</b>          Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	-	27.18	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	3.3975	1 Litre

10	<p><b>Concrete (AR0318)</b>  <b>:.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b> - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	<b>74.86</b>	Sqm
i)	<b>BRM340</b> : Cement	0.1287	9.634482	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.34748	1 Cum
iii)	<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1.34748	1 Cum.
iv)	<b>BRM056</b> : 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)	0.018	1.34748	1 Cum.
11	<p><b>Dismantling (AR1625)</b>  <b>:.Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet -</b>  Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	<b>9.7199999973</b>	Sqm

12	<b>R.C.C. Work (AR0404Ag)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	<b>0.243</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	0.8440119	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.10935	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.08748	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.13122	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	1.5118488	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.0122027796	1Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMM122	274.905	Sqm	5.12	1407.5136
2	BRM340	13.6646939	1 Qntl.	584.892	7992.3701445588
3	BRM028	2.79183	1 Cum	796.71	2224.2788793
4	BRM142	69.4375	1 Kg.	70.34787	4884.780223125
5	BRM255	10.008	1 Ltr	195.03787	1951.93900296
6	BRM140	17.58875	1 Litre	243.24787	4278.4259734625
7	BRM137	1.46772	1 Litre	142.94787	209.8074477564
8	BRM141	3.3975	1 Litre	205.58787	698.484788325
9	BRM064	1.34748	1 Cum.	1712.11	2307.0339828
10	BRM056	1.34748	1 Cum.	2231.91	3007.4540868
11	BRM060	0.08748	1 Cum.	2280.58	199.5051384
12	BRM052	0.13122	1 Cum.	2196.91	288.2785302
13	BRM084	1.5118488	1Mtr	250.166	378.2131669008
14	BRM104	0.0122027796	1Cum.	58573.086	714.75445894985
<b>Total: 30542.839423538</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.79183	1 Cum	190.25	531.1456575
2	BRM064	1.34748	1 Cum.	244.5	329.45886
3	BRM056	1.34748	1 Cum.	244.5	329.45886
4	BRM060	0.08748	1 Cum.	244.5	21.38886
5	BRM052	0.13122	1 Cum.	244.5	32.08329
<b>Total: 1243.5355275</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 9500	Rs. 9500
2	Provision for Contingency @ 1%	Rs. 1381.8238147544
3	Display Citizen Board @ Rs. 935.6	Rs. 935.6
<b>Total Addition Component Amount (in Rs.): 11817.423814754</b>		

**Total Net Amount (in Rs.): 149999.8052902**