

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Hatadihi	<b>Gram Panchayat</b>	Bangore

<b>Work Code</b>	OD/361/3449/119388/387083/00077427 (DEVELOPMENT AND RENOV OF BANGORE GOVT U.P SCHOOL)						
<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>	02-12-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	New Work
<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>	6776
<b>Fund Sanction Amount (in Rs.)</b>	350000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	80.725	173.9568860464	14042.669626096
2	<p><b>Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</b></p>	Qntl	4.175712	16564.136571087	69167.063849527

3	<p style="text-align: center;"><b>Flooring (AR0817aa) :</b>  <b>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) -</b>  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.</p>	Sqm	36.4	1535.202815981	55881.382501708
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4	<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	592.45	95.239563475	56424.679380764
5	<p style="text-align: center;"><b>Painting (AR0918fk) :</b>  <b>Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . -</b>          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 and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	Sqm	440.27	89.153050975	39251.413752763

6	<p align="center"><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b></p> <p>- 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	108.68	764.4174000696	83076.883039564
7	<p align="center"><b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - 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.</p>	Sqm	104.4	230.37570221703	24051.223311458
<b>Total Amount (in Rs.): 341895.31546188</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.</b></p> <p>- 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	80.725	Sqm
i	Un-Skilled	0.12	9.687	-
ii	Skilled	0.14	11.3015	-
2	<p><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b></p> <p>Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	4.175712	Qntl
i	Un-Skilled	6.3976377952756	26.714692913386	-
ii	Semi-Skilled	1.9685039370079	8.219905511811	-
iii	Skilled	3.9370078740157	16.439811023622	-

	iv	Highly-Skilled	3.4448818897638	14.384834645669	-
3		<b>Flooring (AR0817aa)</b> <b>: 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) -</b> 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.	-	36.4	Sqm
	i	Highly-Skilled	0.325	11.83	-
	ii	Un-Skilled	0.325	11.83	-
	iii	Semi-Skilled	0.76	27.664	-

4	<p><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)</p>	-	592.45	Sqm
i	Highly-Skilled	0.05508	32.632146	-
ii	Un-Skilled	0.06528	38.675136	-
5	<p><b>Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . -</b>          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 and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	440.27	Sqm
i	Un-Skilled	0.06528	28.7408256	-

	ii	Highly-Skilled	0.05508	24.2500716	-
6		<p><b>Concrete (AR0318) :</b>  <b>4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 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)</b></p>	-	108.68	Sqm
	i	Un-Skilled	1.008	109.54944	-
	ii	Highly-Skilled	0.165	17.9322	-
7		<p><b>Painting (AR0903b) :</b>  <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.</b></p>	-	104.4	Sqm
	i	Highly-Skilled	0.18817204301075	19.645161290323	-

ii	Un-Skilled	0.17204301075269	17.961290322581	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	243.15838483597	462	112339.17379422
2	Skilled	27.741311023622	562	15590.616795276
3	Semi-Skilled	35.883905511811	512	18372.559622047
4	Highly-Skilled	120.67441353599	612	73852.741084027
<b>Total:</b>				<b>220155.09129557</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside.</b> - 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.	-	<b>80.725</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.889955	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.210875	1 Cum

2	<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>4.175712</b>	Qntl
i)	<b>BRM341 : Steel</b>	1	4.175712	1 Qntl.
3	<b>Flooring (AR0817aa)</b> : <b>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)</b> - 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.	-	<b>36.4</b>	Sqm
i)	<b>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</b>	1	36.4	1 Sqm.
ii)	<b>BRMMR0027 : Wax Polish</b>	1	36.4	1 Sqm
iii)	<b>BRM340 : Cement</b>	0.1375	5.005	1 Qntl.
iv)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.015	0.546	1 Cum

4	<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>	-	592.45	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	74.05625	1 Litre
5	<p><b>Painting(AR0918fk)</b>  <b>:.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . -</b>          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 and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	440.27	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	55.03375	1 Ltr

6	<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>	-	108.68	Sqm
i)	<b>BRM340</b> : Cement	0.1287	13.987116	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.95624	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	1.95624	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	1.95624	1 Cum.
7	<p><b>Painting(AR0903b)</b>  <b>:.Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - 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.</p>	-	104.4	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	5.6376	1 Litre

ii)	BRM141 : Enamel paint	0.125	13.05	1 Litre
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	21.882071	1 Qntl.	584.892	12798.648271332
2	BRM028	3.713115	1 Cum	796.71	2958.27585165
3	BRM341	4.175712	1 Qntl.	6884.202	28746.444901824
4	BRM131	36.4	1 Sqm.	665.5902781	24227.48612284
5	BRMMR0027	36.4	1 Sqm	8.5	309.4
6	BRM140	74.05625	1 Litre	243.42622	18027.233004875
7	BRM255	55.03375	1 Ltr	195.21622	10743.480647425
8	BRM064	1.95624	1 Cum.	1712.11	3349.2980664
9	BRM056	1.95624	1 Cum.	2231.91	4366.1516184
10	BRM137	5.6376	1 Litre	143.12622	806.888377872
11	BRM141	13.05	1 Litre	205.76622	2685.249171
<b>Total: 109018.55603362</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.713115	1 Cum	110.25	409.37092875
2	BRM064	1.95624	1 Cum.	409.5	801.08028
3	BRM056	1.95624	1 Cum.	409.5	801.08028
<b>Total: 2011.53148875</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3104.5	Rs. 3104.5
2	Display Citizen Board @ Rs. 5000	Rs. 5000
<b>Total Addition Component Amount (in Rs.): 8104.5</b>		

**Total Net Amount (in Rs.): 349999.81546188**