

ESTIMATION DPR							
State	Odisha	District	Kendrapara	Block	Rajkanika	Gram Panchayat	Baruna

Work Code	OD/360/3441/119209/395713/00062780 (REPAIR AND RESTORATION OF PARIMAKUNDAPUR UP SCHOOL)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Rajkanika	Proposal Date	30-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Elementary School	Project Type	New Work
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	200000
Fund Sanction Amount (in Rs.)	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;"><b>Painting (AR0901ck) :</b>  <b>Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance).</b> -  Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces 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(For repair and maintenance).</p>	Sqm	250.466488	70.154191226284	17571.273894928
2	<p style="text-align: center;"><b>Painting (AR0901dik) :</b>  <b>Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface )(For repair and maintenance) .</b> -  Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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(For repair and maintenance).</p>	Sqm	249.723264	74.015994076129	18483.515628896

3	<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	500.189752	96.0174717875	48026.955401057
4	<p style="text-align: center;"><b>Masonry Brick Work (AR0603bi) :</b>  <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>          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<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>	Cum	4.7136	5938.732544524	27992.809721868

5	<p align="center"><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	2.9955	7846.85227266	23505.245982753
6	<p><b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside -</b> 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.</p>	Sqm	0.96	173.9055939236	166.94937016666
<b>Total Amount (in Rs.): 135746.74999967</b>					

**LABOUR STATEMENT**

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Painting (AR0901ck) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance). -</b>            Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces 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(For repair and maintenance).</p>	-	250.466488	Sqm
	i Highly-Skilled	0.054838709677419	13.735259019355	-
	ii Un-Skilled	0.054838709677419	13.735259019355	-
2	<p><b>Painting (AR0901dik) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface )(For repair and maintenance) . -</b>            Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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(For repair and maintenance).</p>	-	249.723264	Sqm
	i Highly-Skilled	0.054838709677419	13.694501574194	-

	ii	Un-Skilled	0.054838709677419	13.694501574194	-
3		<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>	-	500.189752	Sqm
	i	Highly-Skilled	0.05508	27.55045154016	-
	ii	Un-Skilled	0.06528	32.65238701056	-
4		<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>          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<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>	-	4.7136	Cum

	i	Un-Skilled	2.96	13.952256	-
	ii	Skilled	1.05	4.94928	-
	iii	Highly-Skilled	0.35	1.64976	-
5		<b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.	-	2.9955	Cum
	i	Un-Skilled	4.6	13.7793	-
	ii	Skilled	0.68	2.03694	-

6	<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>	-	0.96	Sqm
i	Un-Skilled	0.12	0.1152	-
ii	Skilled	0.14	0.1344	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	56.629972133708	612	34657.54294583
2	Un-Skilled	87.928903604108	462	40623.153465098
3	Skilled	7.12062	562	4001.78844
<b>Total: 79282.484850928</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><b>Painting(AR0901ck)</b>  <b>:.Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance).</b> - Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces 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(For repair and maintenance).</p>	-	<b>250.466488</b>	Sqm
i)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	21.039184992	1 Ltr
2	<p><b>Painting(AR0901dik)</b>  <b>:.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface )(For repair and maintenance) .</b> - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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(For repair and maintenance).</p>	-	<b>249.723264</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	22.555649651613	1 Ltr

3	<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>	-	<b>500.189752</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	62.523719	1 Litre
4	<p><b>Masonry Brick Work (AR0603bi)</b> <b>:.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>          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<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>	-	<b>4.7136</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	4.7136	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	3.1675392	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1.319808	1 Cum

iv)	<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	1649.76	1000 Nos
5	<b>Concrete (AR0307)</b> :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.	-	2.9955	Cum
i)	<b>BRM340</b> : Cement	3.23	9.675465	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.347975	1 Cum
iii)	<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)	0.9	2.69595	1 Cum.
6	<b>Plastering (AR1004)</b> :.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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	0.96	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.034368	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.0144	1 Cum
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM252	21.039184992	1 Ltr	125.74787	2645.63269928
2	BRM253	22.555649651613	1 Ltr	159.27787	3592.6158329751
3	BRM140	62.523719	1 Litre	249.58787	15605.161849689
4	BRMMR0025	4.7136	1 Cum	33	155.5488
5	BRM340	12.8773722	1 Qntl.	605.327	7795.0210817094
6	BRM028	2.682183	1 Cum	608.22	1631.35734426
7	BRM005	1649.76	1000 Nos	8.462685	13961.3992056
8	BRM056	2.69595	1 Cum.	2727.73	7353.8236935
<b>Total: 52740.560507013</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.682183	1 Cum	235.25	630.98355075
2	BRM056	2.69595	1 Cum.	149.5	403.044525
<b>Total: 1034.02807575</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 59253	Rs. 59253
4	Provision for survey investigation and quality control @ Rs. 2000	Rs. 2000
<b>Total Addition Component Amount (in Rs.): 64253</b>		

**Total Net Amount (in Rs.): 199999.74999967**