

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Jamudiha

Work Code	OD/346/3305/116240/393154/00065366 (Repair and restoration of Bhagahmara Primary school )						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
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	Repair and Maintenance
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

### 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>Masonry</b></p> <p><b>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>	Cum	2.2852194486528	5617.70434106	12837.687216972
2	<p style="text-align: center;"><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b> 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in-charge. (new work)</p>	Sqm	124.545297285	369.992424734	46080.816531694

3	<p><b>Dismantling (AR1612) : Second floor -</b>  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.</p>	Sqm	124.545297285	110.63409677419	13778.956472599
4	<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</b> 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	23.813454378	177.671739534	4230.9778636528

5	<p style="text-align: center;"><b>Painting (AR0920) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</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)</p>	Sqm	502.1871665	94.826554275	47620.678600321
6	<p style="text-align: center;"><b>Painting (AR0918g) :</b>  <b>Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>          Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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)</p>	Sqm	109.17310239	156.87859381801	17126.922785693

7	<p align="center"><b>Painting (AR0917gk) :</b>  <b>Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(Fo r repair and maintenance). -</b>          Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer 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)(F or repair and maintenance).</p>	Sqm	47.4204875803	128.11072362978	6075.0729787892
<b>Total Amount (in Rs.): 147751.11244972</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>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b></p> <p>- 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>	-	2.2852194486528	Cum
	i Un-Skilled	2.96	6.7642495680123	-
	ii Skilled	1.05	2.3994804210854	-
	iii Highly-Skilled	0.35	0.79982680702848	-
2	<p><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b></p> <p>- 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)</p>	-	124.545297285	Sqm

	i	Un-Skilled	0.36	44.8363070226	-
	ii	Highly-Skilled	0.1	12.4545297285	-
3		<b>Dismantling (AR1612) : Second floor</b> - 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.	-	124.545297285	Sqm
	i	Un-Skilled	0.23709677419355	29.52928822725	-
4		<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.	-	23.813454378	Sqm
	i	Un-Skilled	0.12	2.85761452536	-
	ii	Skilled	0.14	3.33388361292	-

5	<p><b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</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)</p>	-	502.1871665	Sqm
i	Highly-Skilled	0.054	27.118106991	-
ii	Un-Skilled	0.064	32.139978656	-
6	<p><b>Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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)</p>	-	109.17310239	Sqm
i	Un-Skilled	0.11776344086022	12.856600186831	-
ii	Highly-Skilled	0.10776344086022	11.764869162931	-

7	<p><b>Painting (AR0917gk) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance). -</b></p> <p>Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer 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)(For repair and maintenance).</p>	-	47.4204875803	Sqm
i	Highly-Skilled	0.091558709677419	4.3417586551264	-
ii	Un-Skilled	0.098698709677419	4.6803409364497	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	133.6643791225	462	61752.943154596
2	Skilled	5.7333640340054	562	3222.1505871111
3	Highly-Skilled	56.479091344586	612	34565.203902887
<b>Total:</b>				<b>99540.297644594</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>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>	-	<b>2.2852194486528</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	1.5356674694947	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.63986144562278	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 ± 2 %	350	799.82680702848	1000 Nos
2	<p><b>Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b> - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	-	<b>124.545297285</b>	Sqm
i)	<b>BRM340</b> : Cement	0.1208	15.045071912028	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	2.1048155241165	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.	0.0169	2.1048155241165	1 Cum.
3	<b>Dismantling (AR1612)</b> :. <b>Second floor</b> - 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.	-	<b>124.545297285</b>	Sqm
4	<b>Plastering (AR1004i)</b> :. <b>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>23.813454378</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.8525216667324	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.35720181567	1 Cum
5	<b>Painting(AR0920)</b> :. <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)</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)	-	<b>502.1871665</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	62.7733958125	1 Litre

6	<p><b>Painting(AR0918g)</b>  <b>:.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>  Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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)</p>	-	109.17310239	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	13.64663779875	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	9.17054060076	1 Ltr
7	<p><b>Painting(AR0917gk)</b>  <b>:.Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance). -</b>  Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer 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)(For repair and maintenance).</p>	-	47.4204875803	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	3.5565365685225	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	3.9833209567452	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	17.433261048255	1 Qntl.	573.877	10004.547550589
2	BRM028	3.1018787854093	1 Cum	743.49	2306.2158581639
3	BRM005	799.82680702848	1000 Nos	7.450375	5959.0096474148
4	BRM064	2.1048155241165	1 Cum.	1712.11	3603.6757069951
5	BRM140	62.7733958125	1 Litre	250.17342	15704.235115427
6	BRM255	17.203174367272	1 Ltr	195.15677	3357.3159432637
7	BRM252	13.153861557505	1 Ltr	125.86677	1655.6340672703
<b>Total:</b>					<b>42590.633889124</b>

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.1018787854093	1 Cum	442.25	1371.8058928473
2	BRM064	2.1048155241165	1 Cum.	522.5	1099.7661113509
<b>Total:</b>					<b>2471.5720041981</b>

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 748	Rs. 748
<b>Total Addition Component Amount (in Rs.):</b>		<b>2248</b>

**Total Net Amount (in Rs.): 149999.11244972**