

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Begunia

Work Code	OD/346/3305/116232/393111/00062817 (Repair and renovation at begunia UGUP 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.	5107
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><b>Plastering (AR1004) : 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	175.78269533	173.5879197548	30513.752411226
2	<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 <math>\pm 8</math> 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	0.4406802	5324.640859632	2346.4637989508

3	<p style="text-align: center;"><b>Flooring (AR0816a) :</b>  <b>Fixing Marble  Tiles in floor,  treads or steps  and landing of  minimum 16 mm  thick, dunguri  Variety Up to 0.10  Sqm Above 0.10  Sqm. to 0.40 Sqm  on a 25mm thick  bed of cement  mortar 1:1 -</b>  Fixing Marble Tiles  in floor, treads or  steps and landing  of minimum 16 mm  thick, dunguri  Variety Up to 0.10  Sqm Above 0.10  Sqm. to 0.40 Sqm  on a 25mm thick  bed of cement  mortar 1:1  (1cement: 1sand)  jointed with neat  cement slurry  mixed with pigment  to match the  shades of the  marble tiles  including rubbing  and polishing, cost  of precast tiles  complete as per  direction of  Engineer-in-charge.</p>	Sqm	63.60510992	1452.5953313132	92392.485717455
4	<p><b>Dismantling (AR1612) :</b>  <b>Dismantling and  removing 2.5 cm.  thick artificial  stone flooring -</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	58.52889	100.34838709677	5873.2797100643

5	<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	85.52743083	50.174193548387	4291.2698681607
6	<p><b>Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators -</b>  Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.</p>	Sqm	12.634808	396.30846153846	5007.2813203138

7	<p align="center"><b>Painting (AR0920bk) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . -</b>          Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).</p>	Sqm	227.91428475	169.01634821378	38521.240114201
<b>Total Amount (in Rs.): 178945.77294037</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Plastering (AR1004) :</b>  <b>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>	-	175.78269533	Sqm

	i	Un-Skilled	0.12	21.0939234396	-
	ii	Skilled	0.14	24.6095773462	-
2		<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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	0.4406802	Cum
	i	Un-Skilled	2.96	1.304413392	-
	ii	Skilled	1.05	0.46271421	-
	iii	Highly-Skilled	0.35	0.15423807	-

3	<p><b>Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1</b>  - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	63.60510992	Sqm
i	Un-Skilled	0.216	13.73870374272	-
ii	Highly-Skilled	0.216	13.73870374272	-
iii	Semi-Skilled	0.55	34.982810456	-
4	<p><b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring</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>	-	58.52889	Sqm

	i	Un-Skilled	0.21505376344086	12.586858064516	-
5		<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.	-	85.52743083	Sqm
	i	Un-Skilled	0.10752688172043	9.1964979387097	-
6		<b>Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators -</b> Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.	-	12.634808	Sqm
	i	Un-Skilled	0.61538461538462	7.7752664615385	-
	ii	Skilled	0.19230769230769	2.4297707692308	-

7	<p><b>Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . -</b></p> <p>Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).</p>	-	227.91428475	Sqm
i	Highly-Skilled	0.10991870967742	25.052044096772	-
ii	Un-Skilled	0.12011870967742	27.376769801222	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	93.072432840306	462	42999.463972221
2	Skilled	27.502062325431	562	15456.159026892
3	Highly-Skilled	38.944985909492	612	23834.331376609
4	Semi-Skilled	34.982810456	512	17911.198953472
<b>Total:</b>				<b>100201.15332919</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	<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.	-	<b>175.78269533</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	6.293020492814	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	2.63674042995	1 Cum
2	<b>Masonry Brick Work (AR0603bi)</b> :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>0.4406802</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.4406802	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	0.2961370944	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.123390456	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	154.23807	1000 Nos
3	<b>Flooring (AR0816a)</b> :.Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	<b>63.60510992</b>	Sqm
i)	<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	1	63.60510992	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	63.60510992	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	17.408718585104	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.82686642896	1 Cum
4	<b>Dismantling (AR1612)</b> :.Dismantling and removing 2.5 cm. thick artificial stone flooring - 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>58.52889</b>	Sqm

5	<b>Dismantling (AR1613)</b> :.Removing old lime or cement plaster - 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.	-	85.52743083	Sqm
6	<b>Dismantling (AR1618)</b> :.Dismantling and removing doors, windows and ventilators - Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.	-	12.634808	Sqm
7	<b>Painting(AR0920bk)</b> :.Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . - Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).	-	227.91428475	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	28.48928559375	1 Litre
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	19.144799919	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	23.997876172318	1 Qntl.	558.197	13395.542485759

2	<b>BRM028</b>	3.58699731491	1 Cum	483.09	1732.8425328599
3	<b>BRMMR0025</b>	0.4406802	1 Cum	33	14.5424466
4	<b>BRM005</b>	154.23807	1000 Nos	6.7429	1040.011882203
5	<b>BRM118</b>	63.60510992	1 Sqm.	695.7330561	44252.177508218
6	<b>BRMMR0027</b>	63.60510992	1 Sqm	8.5	540.64343432
7	<b>BRM140</b>	28.48928559375	1 Litre	249.58787	7110.5801091657
8	<b>BRM253</b>	19.144799919	1 Ltr	159.27787	3049.3429526745
<b>Total: 71135.683351801</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	3.58699731491	1 Cum	477.25	1711.8944685408
2	<b>BRM118</b>	63.60510992	1 Sqm.	29.44	1872.5344360448
<b>Total: 3584.4289045856</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 18554	Rs. 18554
<b>Total Addition Component Amount (in Rs.): 21054</b>		

**Total Net Amount (in Rs.): 199999.77294037**