

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Sarasakha

Work Code	OD/346/3309/116329/393778/00066164 (Repair of Basudeipur Pry School)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	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.	27033
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>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. - 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	505.32941352064	5.12	2587.2865972257
2	<p>Painting (AR0920b) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above 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)</p>	Sqm	396.32698509	166.58511791701	66022.177544911

3	<p style="text-align: center;">Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(Fo r repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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	227.0433469959	163.14652836363	37041.33385044
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4	<p style="text-align: center;">Flooring (AR0817a) :</p> <p>Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge</p>	Sqm	13.099323	1330.951359836	17434.561759781
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5	<p style="text-align: center;">Other Building Items. (AR1901Bb) : Vitrified Tile 600mmx600mm industrial floor Tile - Supplying, fitting & fixing Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm conforming to IS 4457 of size 300mmx300mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	Sqm	17.71102792	944.745571045	16732.415186074
6	<p style="text-align: center;">Iron Work (AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	4.39	8999.0078084724	39505.644279194

7	Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	Sqm	6.6	537.32000851332	3546.3120561879
Total Amount (in Rs.): 182869.73127381					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	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. - 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.	-	505.32941352064	Sqm

2	<p>Painting (AR0920b) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above 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)</p>	-	396.32698509	Sqm
i	Highly-Skilled	0.10776344086022	42.709559619054	-
ii	Un-Skilled	0.11776344086022	46.672829469954	-
3	<p>Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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>	-	227.0433469959	Sqm

	i	Un-Skilled	0.12011870967742	27.27215388199	-
	ii	Highly-Skilled	0.10991870967742	24.956311742632	-
4		Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge	-	13.099323	Sqm
	i	Highly-Skilled	0.325	4.257279975	-
	ii	Un-Skilled	0.325	4.257279975	-
	iii	Semi-Skilled	0.76	9.95548548	-

5	<p>Other Building Items. (AR1901Bb) : Vitrified Tile 600mmx600mm industrial floor Tile - Supplying, fitting & fixing Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-	17.71102792	Sqm
	i Un-Skilled	0.216	3.82558203072	-
	ii Highly-Skilled	0.216	3.82558203072	-
6	<p>Iron Work (AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	4.39	Qntl
	i Semi-Skilled	1.4763779527559	6.4812992125984	-
	ii Skilled	1.4763779527559	6.4812992125984	-

7	Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	6.6	Sqm
i	Un-Skilled	0.21505376344086	1.4193548387097	-
ii	Highly-Skilled	0.16129032258065	1.0645161290323	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	76.813249496438	612	47009.70869182
2	Un-Skilled	83.447200196373	462	38552.606490724
3	Semi-Skilled	16.436784692598	512	8415.6337626104
4	Skilled	6.4812992125984	562	3642.4901574803
Total:				97620.439102635

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>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. - 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>	-	505.32941352064	Sqm
i)	<p>BRMM122 : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting)</p>	1	505.32941352064	Sqm
2	<p>Painting(AR0920b) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above 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)</p>	-	396.32698509	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	49.54087313625	1 Litre
ii)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	33.29146674756	1 Ltr

3	Painting(AR0918hk) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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).	-	227.0433469959	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	28.380418374488	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	20.507141018985	1 Ltr

4	Flooring (AR0817a) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge	-	13.099323	Sqm
i)	BRMMR0027 : Wax Polish	1	13.099323	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	13.099323	1 Sqm.
iii)	BRM340 : Cement	0.1375	1.8011569125	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.196489845	1 Cum

5	Other Building Items. (AR1901Bb) :.Vitrified Tile 600mmx600mm industrial floor Tile - Supplying, fitting & fixing Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.	-	17.71102792	Sqm
i)	BRM133 : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1	17.71102792	1 Sqm.
ii)	BRM174 : White Cement.	0.0076	0.134603812192	1Qntl
iii)	BRM340 : Cement	0.1074	1.902164398608	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.37193158632	1 Cum
6	Iron Work(AR1702) :.Iron work wrought and put up in window grating including drilling holes in choukathas - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	4.39	Qntl
i)	BRM341 : Steel	1	4.39	1 Qntl.

7	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	6.6	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	6.6	1 Sqm.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMM122	505.32941352064	Sqm	5.12	2587.2865972257
2	BRM140	49.54087313625	1 Litre	249.58787	12364.801004017
3	BRM253	53.798607766545	1 Ltr	159.27787	8568.9276540207
4	BRM255	28.380418374488	1 Ltr	195.03787	5535.2563494689
5	BRMMR0027	13.099323	1 Sqm	8.5	111.3442455
6	BRM130	13.099323	1 Sqm.	459.6811111	6021.5113512978
7	BRM340	3.703321311108	1 Qntl.	561.987	2081.2184336657
8	BRM028	0.56842143132	1 Cum	947.99	538.85783267705
9	BRM133	17.71102792	1 Sqm.	587.9511111	10413.218544287
10	BRM174	0.134603812192	1Qntl	2041.967	274.85654257026
11	BRM341	4.39	1 Qntl.	6210.797	27265.39883
12	BRM150	6.6	1 Sqm.	333.9354923	2203.97424918
Total: 77966.65163391					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.56842143132	1 Cum	442.25	251.38437800127
Total: 251.38437800127					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 8003	Rs. 8003

2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 500	Rs. 500
4	Any Other Lumpsum @ Rs. 6626.26	Rs. 6626.26
5	Provision for survey investigation and quality control @ Rs. 1	Rs. 1
Total Addition Component Amount (in Rs.): 17130.26		

Total Net Amount (in Rs.): 199999.99127381