

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Balipatna	Gram Panchayat	Alisisasan

Work Code	OD/362/3457/275278/407671/00089113 (Repair and Maintenance of Bhairpur Govt Pry. School, Bhairpur)						
Project Category	Building						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Balipatna	Proposal Date	-
Date of Commencement	17-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	Sushree		

Administrative Approval Details

Approval No.	OD/362/3457/275278/407671/00089113/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3457/275278/407671/00089113/TS
Fund Sanction No.	22574
Fund Sanction Amount (in Rs.)	250000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Masonry Brick Work (AR0603bi) : 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/cm² 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.</p>	-	7.62024	Cum
i	Un-Skilled	2.96	22.5559104	-
ii	Skilled	1.05	8.001252	-
iii	Highly-Skilled	0.35	2.667084	-
2	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (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.</p>	-	53.985492	Sqm
i	Un-Skilled	0.24	12.95651808	-

	ii	Skilled	0.16	8.63767872	-
3		Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	47.2894	Sqm
	i	Un-Skilled	0.17	8.039198	-
	ii	Skilled	0.14	6.620516	-
4		Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) in floors of size 600mm x 600 mm 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.	-	27.813	Sqm
	i	Un-Skilled	0.216	6.007608	-

	ii	Highly-Skilled	0.216	6.007608	-
5		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	-	9.0885	Sqm
	i	Highly-Skilled	0.325	2.9537625	-
	ii	Un-Skilled	0.325	2.9537625	-
	iii	Semi-Skilled	0.76	6.90726	-

6	Flooring (AR0817ap) : Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing complete including cost of precast tiles.	-	54.67924	Sqm
i	Highly-Skilled	0.325	17.770753	-
ii	Un-Skilled	0.325	17.770753	-
iii	Semi-Skilled	0.76	41.5562224	-

7	<p>Flooring (AR0817bck) : Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified industrial tiles including rubbing and polishing complete including cost of precast tiles(For repair and maintenance).</p>	-	4.746	Sqm
i	Un-Skilled	0.325	1.54245	-
ii	Highly-Skilled	0.325	1.54245	-
8	<p>Iron Work (AR1704) : Iron Doors and windows fixing - 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.</p>	-	3.42	Qntl
i	Un-Skilled	6.3976377952756	21.879921259843	-

	ii	Semi-Skilled	1.9685039370079	6.7322834645669	-
	iii	Skilled	3.9370078740157	13.464566929134	-
	iv	Highly-Skilled	3.4448818897638	11.781496062992	-
9		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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	33.7149	Sqm
	i	Un-Skilled	0.12	4.045788	-
	ii	Skilled	0.14	4.720086	-
10		Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - 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&P required for the work complete as per direction of the Engineer-in-charge.	-	48.72022	Sqm

	i	Highly-Skilled	0.053763440860215	2.6193666666667	-
	ii	Un-Skilled	0.053763440860215	2.6193666666667	-
11		Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	33.7149	Sqm
	i	Un-Skilled	0.11776344086022	3.9703826322581	-
	ii	Highly-Skilled	0.10776344086022	3.6332336322581	-
12		Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	110.19698	Sqm
	i	Highly-Skilled	0.052	5.73024296	-
	ii	Un-Skilled	0.062	6.83221276	-

13	Painting (AR0903b) : 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.	-	18.01871	Sqm
i	Highly-Skilled	0.18817204301075	3.3906174731183	-
ii	Un-Skilled	0.17204301075269	3.0999931182796	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	114.27386441705	462	52794.525360676
1	Skilled	41.444099649134	562	23291.584002813
2	Highly-Skilled	58.096614295035	612	35555.127948561
3	Semi-Skilled	55.195765864567	512	28260.232122658
Total:				139901.46943471