

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Polosara	Gram Panchayat	Bartani

Work Code	OD/354/3380/117900/411361/00017566 (Repair and maintenance of Primary School of Kuananda PS)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Polosara	Proposal Date	03-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	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.	11572
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>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)</p>	Sqm	78.6168	352.1921309212	27688.218318206
2	<p>Plastering (AR1004k) : 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance). - 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(For repair and maintenance).</p>	Sqm	8.9182	172.3615773912	1537.1550194902

3	<p align="center">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner 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.</p>	Sqm	483.24208	71.83753306751	34714.918901612
4	<p align="center">Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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	373.81	163.75298201751	61212.502207965

5	<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)(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>	Sqm	109.43	163.15945730032	17854.539412374
6	<p style="text-align: center;">Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	21.06	164.23523221452	3458.7939904378
Total Amount (in Rs.): 146466.12785009					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	78.6168	Sqm
i	Un-Skilled	0.36	28.302048	-
ii	Highly-Skilled	0.1	7.86168	-
2	<p>Plastering (AR1004k) : 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance). - 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(For repair and maintenance).</p>	-	8.9182	Sqm
i	Un-Skilled	0.1224	1.09158768	-

	ii	Skilled	0.1428	1.27351896	-
3		Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner 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.	-	483.24208	Sqm
	i	Highly-Skilled	0.053763440860215	25.980756989247	-
	ii	Un-Skilled	0.053763440860215	25.980756989247	-
4		Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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)	-	373.81	Sqm
	i	Highly-Skilled	0.10776344086022	40.283051827957	-

	ii	Un-Skilled	0.11776344086022	44.021151827957	-
5		<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>	-	109.43	Sqm
	i	Un-Skilled	0.12011870967742	13.1445904	-
	ii	Highly-Skilled	0.10991870967742	12.0284044	-
6		<p>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	-	21.06	Sqm
	i	Highly-Skilled	0.13440860215054	2.8306451612903	-

ii	Un-Skilled	0.11827956989247	2.4909677419355	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	115.03110263914	462	53144.369419283
2	Highly-Skilled	88.984538378495	612	54458.537487639
3	Skilled	1.27351896	562	715.71765552
Total: 108318.62456244				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)	-	78.6168	Sqm
i)	BRM340 : Cement	0.1208	9.49690944	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.32862392	1 Cum
iii)	BRM064 : 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	1.32862392	1 Cum.

2	Plastering (AR1004k) :.12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance). - 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(For repair and maintenance).	-	8.9182	Sqm
i)	BRM340 : Cement	0.0358	0.31927156	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.133773	1 Cum
3	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner 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.	-	483.24208	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	40.59233472	1 Ltr

4	<p>Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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>	-	373.81	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	46.72625	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	31.40004	1 Ltr
5	<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>	-	109.43	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	13.67875	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	9.884	1 Ltr

6	Painting(AR0903i) ∴.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	21.06	Sqm
i)	BRM141 : Enamel paint	0.125	2.6325	1 Litre

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	9.816181	1 Qntl.	598.962	5879.519404122
2	BRM028	1.46239692	1 Cum	407.34	595.6927613928
3	BRM064	1.32862392	1 Cum.	1155.02	1534.5872000784
4	BRM253	50.47633472	1 Ltr	159.33732	8042.7638977078
5	BRM140	46.72625	1 Litre	249.64732	11665.08308615
6	BRM252	31.40004	1 Ltr	125.80732	3950.3548802928
7	BRM255	13.67875	1 Ltr	195.09732	2668.68746595
8	BRM141	2.6325	1 Litre	205.64732	541.3665699
Total: 34878.055265594					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.46239692	1 Cum	40.25	58.86147603
2	BRM064	1.32862392	1 Cum.	149.5	198.62927604
Total: 257.49075207					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 533.87	Rs. 533.87
3	Any Other Lumpsum @ Rs. 1500	Rs. 1500

Total Addition Component Amount (in Rs.): 3533.87

Total Net Amount (in Rs.): 149999.99785009