

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Jagatsinghpur	Gram Panchayat	Alla

Work Code	OD/355/3389/118118/397873/00016898 (Repair & Maintenance of Nilakantheswar Upper Pry. School)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jagatsinghpur	Proposal Date	-
Date of Commencement	-	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			

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>Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	115.5	77.77	8982.435
2	<p>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)</p>	Sqm	115.5	787.4713382634	90952.939569423

3	<p style="text-align: center;">Painting (AR0901ai) :</p> <p>Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork 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	133.411	70.08544099121	9350.1687680783
4	<p style="text-align: center;">Painting (AR0918fk) :</p> <p>Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	Sqm	133.411	89.1305342875	11890.99370983

5	<p align="center">Painting (AR0905i) : Painting two coats of enamel paint on old wood work in outer surface paint - Painting two coats of enamel paint on old wood work 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	61.7025	164.22772665202	10133.261303746
6	<p align="center">Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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	279.02	50.8572838842	14190.199349369
Total Amount (in Rs.): 145499.99770045					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	115.5	Sqm
i	Un-Skilled	0.166666666666667	19.25	-
2	Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)	-	115.5	Sqm
i	Un-Skilled	1.008	116.424	-
ii	Highly-Skilled	0.165	19.0575	-

3	<p>Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork 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>	-	133.411	Sqm
i	Highly-Skilled	0.053763440860215	7.1726344086021	-
ii	Un-Skilled	0.053763440860215	7.1726344086021	-
4	<p>Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	133.411	Sqm

	i	Un-Skilled	0.06528	8.70907008	-
	ii	Highly-Skilled	0.05508	7.34827788	-
5		Painting (AR0905i) : Painting two coats of enamel paint on old wood work in outer surface paint - Painting two coats of enamel paint on old wood work 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)	-	61.7025	Sqm
	i	Highly-Skilled	0.13440860215054	8.2933467741935	-
	ii	Un-Skilled	0.11827956989247	7.2981451612903	-
6		Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	-	279.02	Sqm

i	Un-Skilled	0.04	11.1608	-
ii	Highly-Skilled	0.033	9.20766	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	170.01464964989	462	78546.76813825
2	Highly-Skilled	51.079419062796	612	31260.604466431
Total: 109807.37260468				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	115.5	Sqm

2	Concrete (AR0318) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)	-	115.5	Sqm
i)	BRM340 : Cement	0.1287	14.86485	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.079	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.	0.018	2.079	1 Cum.
iv)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	2.079	1 Cum.

3	Painting(AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	133.411	Sqm
i)	BRM138 : Wood Primer	0.075	10.005825	1 Litre
4	Painting(AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-	133.411	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	16.676375	1 Ltr

5	Painting(AR0905i) :.Painting two coats of enamel paint on old wood work in outer surface paint - Painting two coats of enamel paint on old wood work 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)	-	61.7025	Sqm
i)	BRM141 : Enamel paint	0.125	7.7128125	1 Litre
6	Painting(AR0921) :.Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	-	279.02	Sqm
i)	BRM142 : Distemper	0.166	46.31732	1 Kg.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	14.86485	1 Qntl.	613.327	9117.01385595
2	BRM028	2.079	1 Cum	412.82	858.25278
3	BRM064	2.079	1 Cum.	2172.11	4515.81669
4	BRM056	2.079	1 Cum.	2718.53	5651.82387
5	BRM138	10.005825	1 Litre	155.32787	1554.1834848428
6	BRM255	16.676375	1 Ltr	195.03787	3252.5246593213
7	BRM141	7.7128125	1 Litre	205.58787	1585.6606935844
8	BRM142	46.31732	1 Kg.	70.34787	3258.3248061084
Total: 29793.600839807					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.079	1 Cum	77.25	160.60275
2	BRM064	2.079	1 Cum.	444.5	924.1155
3	BRM056	2.079	1 Cum.	444.5	924.1155
					Total: 2008.83375

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1454.9999770045
2	Display Citizen Board @ Rs. 3045	Rs. 3045
		Total Addition Component Amount (in Rs.): 4499.9999770045

Total Net Amount (in Rs.): 149999.99767745