

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Gram Panchayat	Palaspanga

Work Code	OD/361/3452/119466/385976/00014852 (Repair & Maintenance of Government upper primary school, Saraskola)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kendujhar Sadar	Proposal Date	-
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.	20855
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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.	Sqm	225.579167845	77.77	17543.291883306

2	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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>	Sqm	4.830956	178.1140147768	860.46096837007
3	<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 specification and direction of Engineer-in-charge. (new work)</p>	Sqm	225.579167845	372.7723298268	84089.671957971

4	<p align="center">Painting (AR0903ak) : Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	Sqm	98.08605837	238.29783906129	23373.695751611
5	<p align="center">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)</p>	Sqm	138.0061151483	160.77218538831	22187.544729343
Total Amount (in Rs.): 148054.6652906					

LABOUR STATEMENT

SI.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.	-	225.579167845	Sqm
i	Un-Skilled	0.166666666666667	37.596527974167	-
2	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	4.830956	Sqm
i	Un-Skilled	0.12	0.57971472	-
ii	Skilled	0.14	0.67633384	-

3	<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 specification and direction of Engineer-in-charge. (new work)</p>	-	225.579167845	Sqm
i	Un-Skilled	0.36	81.2085004242	-
ii	Highly-Skilled	0.1	22.5579167845	-
4	<p>Painting (AR0903ak) : Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	98.08605837	Sqm
i	Highly-Skilled	0.19193548387097	18.826195074242	-
ii	Un-Skilled	0.17548387096774	17.212521210735	-

5	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)	-	138.0061151483	Sqm
	i Un-Skilled	0.11776344086022	16.252074979615	-
	ii Highly-Skilled	0.10776344086022	14.872013828132	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	152.84933930872	462	70616.394760627
2	Skilled	0.67633384	562	380.09961808
3	Highly-Skilled	56.256125686874	612	34428.748920367
Total:				105425.24329907

MATERIAL STATEMENT

SI.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.	-	225.579167845	Sqm

2	<p>Plastering (AR1004i) ::12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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>	-	4.830956	Sqm
i)	BRM340 : Cement	0.0358	0.1729482248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.07246434	1 Cum
3	<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>	-	225.579167845	Sqm
i)	BRM340 : Cement	0.1208	27.249963475676	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	3.8122879365805	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	3.8122879365805	1 Cum.

4	Painting(AR0903ak) :.Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)	-	98.08605837	Sqm
i)	BRM141 : Enamel paint	0.125	12.26075729625	1 Litre
ii)	BRM138 : Wood Primer	0.075	7.35645437775	1 Litre
5	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)	-	138.0061151483	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	17.250764393538	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	12.465068465008	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	27.422911700476	1 Qntl.	595.874	16340.600086609
2	BRM028	3.8847522765805	1 Cum	963.71	3743.7746164634
3	BRM064	3.8122879365805	1 Cum.	1542.85	5881.7884429532
4	BRM141	12.26075729625	1 Litre	205.84945	2523.8701460165
5	BRM138	7.35645437775	1 Litre	155.58945	1144.5866905842
6	BRM255	17.250764393538	1 Ltr	195.29945	3369.0647981375

7	BRM253	12.465068465008	1 Ltr	159.53945	1988.6701671197
					Total: 34992.354947884

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.8847522765805	1 Cum	50.25	195.20880189817
2	BRM064	3.8122879365805	1 Cum.	424.5	1618.3162290784
					Total: 1813.5250309766

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 445.32	Rs. 445.32
		Total Addition Component Amount (in Rs.): 1945.32

Total Net Amount (in Rs.): 149999.9852906