

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

Work Code	OD/361/3452/119462/386159/00014630 (Repair & Maintenance of Goverment primary school, Jamunalia)						
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.)
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1	<p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	22.975	50.174193548387	1152.7520967742
2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	66.9475	100.34838709677	6718.073645161

3	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.	Sqm	29.095	250.126038632	7277.417093998
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4	<p style="text-align: center;">Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed -</p> <p>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.</p>	Sqm	74.6875	1061.1515318706	79254.755036585
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5	<p style="text-align: center;">Painting (AR0917hk) :</p> <p>Finishing wall with one coat 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). -</p> <p>Finishing wall with one coat 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	160.6065	131.96335904032	21194.173223709
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6	<p>Painting (AR0921bk) : Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old 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)(For repair and maintenance).</p>	Sqm	236.9535	124.65242663548	29536.82877477
Total Amount (in Rs.): 145133.999871					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	22.975	Sqm
i	Un-Skilled	0.10752688172043	2.4704301075269	-
2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	66.9475	Sqm
i	Un-Skilled	0.21505376344086	14.397311827957	-

3	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.	-	29.095	Sqm
i	Un-Skilled	0.24	6.9828	-
ii	Skilled	0.16	4.6552	-

4	<p>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.</p>	-	74.6875	Sqm
i	Un-Skilled	0.216	16.1325	-
ii	Highly-Skilled	0.216	16.1325	-

5	<p>Painting (AR0917hk) : Finishing wall with one coat 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 one coat 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>	-	160.6065	Sqm
i	Highly-Skilled	0.091558709677419	14.704923905806	-
ii	Un-Skilled	0.098698709677419	15.851654315806	-

6	Painting (AR0921bk) : Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old 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)(For repair and maintenance).	-	236.9535	Sqm
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i	Un-Skilled	0.095638709677419	22.661926993548	-
ii	Highly-Skilled	0.088498709677419	20.970079003548	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	78.496623244839	462	36265.439939115
4	Skilled	4.6552	562	2616.2224
5	Highly-Skilled	51.807502909355	612	31706.191780525
Total: 70587.854119641				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Dismantling (AR1613) ::Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	22.975	Sqm
2	<p>Dismantling (AR1612) ::Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	66.9475	Sqm
3	<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>	-	29.095	Sqm
i)	BRM340 : Cement	0.043	1.251085	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.52371	1 Cum
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.	-	74.6875	Sqm
i)	BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)	1	74.6875	1 Sqm.
ii)	BRM174 : White Cement.	0.0076	0.567625	1Qntl
iii)	BRM340 : Cement	0.1074	8.0214375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.5684375	1 Cum

5	Painting(AR0917hk) :.Finishing wall with one coat 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 one coat 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).	-	160.6065	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	12.0454875	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	14.506393548387	1 Ltr

6	Painting(AR0921bk) :.Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old 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)(For repair and maintenance).	-	236.9535	Sqm
i)	BRM142 : Distemper	0.166	39.334281	1 Kg.
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	19.904094	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	9.2725225	1 Qntl.	572.412	5307.70314927
2	BRM028	2.0921475	1 Cum	822.75	1721.314355625
3	BRM132	74.6875	1 Sqm.	706.9975001	52803.875788719
4	BRM174	0.567625	1Qntl	2047.912	1162.446049
5	BRM255	12.0454875	1 Ltr	195.09732	2350.0423293435
6	BRM253	34.410487548387	1 Ltr	159.33732	5482.8748658534
7	BRM142	39.334281	1 Kg.	70.40732	2769.4213093369
Total: 71597.677847148					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.0921475	1 Cum	50.25	105.130411875
Total: 105.130411875					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 2366	Rs. 2366
		Total Addition Component Amount (in Rs.): 4866

Total Net Amount (in Rs.): 149999.999871