

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Champua	<b>Gram Panchayat</b>	Sunaposi

<b>Work Code</b>	OD/361/3445/119307/385414/00070145 (Repair & Maintenance of Indraprastha Primary School)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Champua	<b>Proposal Date</b>	29-10-2024
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Asset Management School and Mass Education Department	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	5955
<b>Fund Sanction Amount (in Rs.)</b>	150000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Dismantling (AR1620) :</b>  <b>Dismantling and removing 2.5 cm thick grading concrete from roof</b> - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	98.28335062	112.89193548387	11095.397677332
2	<p><b>Painting (AR0901dk) :</b>  <b>Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) .</b> - 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&amp;P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).</p>	Sqm	541.807664	73.003920164284	39554.083447053

3	<p style="text-align: center;"><b>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) -</b></p> <p>Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)</p>	Sqm	541.807664	57.722934968903	31274.728554725
4	<p style="text-align: center;"><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b></p> <p>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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)</p>	Sqm	98.28335062	366.3409497564	36005.216011372

5	<p style="text-align: center;"><b>Painting (AR0901b) :</b>  <b>Priming one coat in inner surface with primer of approved quality over iron work. -</b>  Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in- charge.</p>	Sqm	38.4606	66.11897407151	2542.9754141747
6	<p style="text-align: center;"><b>Dismantling (AR1613) :</b>  <b>Removing old lime or cement plaster -</b>  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	45.64177	50.174193548387	2290.039001871

7	<b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	Sqm	45.82757	173.4220910464	7947.5130169753
<b>Total Amount (in Rs.): 130709.9531235</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</b>	-	98.28335062	Sqm
i	Un-Skilled	0.24193548387097	23.77822998871	-

2	<p><b>Painting (AR0901dk) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) . -</b>  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&amp;P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).</p>	-	541.807664	Sqm
i	Highly-Skilled	0.054838709677419	29.712033187097	-
ii	Un-Skilled	0.054838709677419	29.712033187097	-
3	<p><b>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) -</b>  Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)</p>	-	541.807664	Sqm
i	Un-Skilled	0.042752688172043	23.163734108215	-

	ii	Highly-Skilled	0.022	11.919768608	-
	iii	Skilled	0.0080645161290323	4.3694166451613	-
4		<b>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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</b>	-	98.28335062	Sqm
	i	Un-Skilled	0.36	35.3820062232	-
	ii	Highly-Skilled	0.1	9.828335062	-
5		<b>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	38.4606	Sqm
	i	Highly-Skilled	0.053763440860215	2.0677741935484	-

	ii	Un-Skilled	0.053763440860215	2.0677741935484	-
6		<b>Dismantling (AR1613) : Removing old lime or cement plaster -</b> 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.	-	45.64177	Sqm
	i	Un-Skilled	0.10752688172043	4.9077172043011	-
7		<b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b> 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.	-	45.82757	Sqm
	i	Un-Skilled	0.12	5.4993084	-
	ii	Skilled	0.14	6.4158598	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	124.51080330507	462	57523.991126943
2	Highly-Skilled	53.527911050645	612	32759.081562995

3	Skilled	10.785276445161	562	6061.3253621806
				<b>Total: 96344.398052118</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1620)</b> :.Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	<b>98.28335062</b>	Sqm
2	<b>Painting(AR0901dk)</b> :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) . - 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(For repair and maintenance).	-	<b>541.807664</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	45.511843776	1 Ltr

3	<b>Painting(AR0918c)</b> :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	<b>541.807664</b>	Sqm
i)	<b>BRM143</b> : Cement paint	0.25	135.451916	1 Kg.
ii)	<b>BRM340</b> : Cement	0.010763440860215	5.8317147490753	1 Qntl.
4	<b>Concrete (AR0317)</b> :.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)	-	<b>98.28335062</b>	Sqm
i)	<b>BRM340</b> : Cement	0.1208	11.872628754896	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1.660988625478	1 Cum
iii)	<b>BRM064</b> : 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	1.660988625478	1 Cum.

5	<b>Painting(AR0901b)</b> :.Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	<b>38.4606</b>	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	2.0768724	1 Litre
6	<b>Dismantling (AR1613)</b> :.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.	-	<b>45.64177</b>	Sqm
7	<b>Plastering (AR1004)</b> :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	<b>45.82757</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	1.640627006	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.68741355	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM253</b>	45.511843776	1 Ltr	159.33732	7251.7352155265
2	<b>BRM143</b>	135.451916	1 Kg.	48.13732	6520.2922251051
3	<b>BRM340</b>	19.344970509971	1 Qntl.	584.892	11314.718491518
4	<b>BRM028</b>	2.348402175478	1 Cum	601.41	1412.3525523542

5	<b>BRM064</b>	1.660988625478	1 Cum.	1451.71	2411.2737974927
6	<b>BRM137</b>	2.0768724	1 Litre	143.00732	297.00795590597
					<b>Total: 29207.380237903</b>

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	2.348402175478	1 Cum	270.25	634.65568792293
2	<b>BRM064</b>	1.660988625478	1 Cum.	782.5	1299.7235994365
					<b>Total: 1934.3792873595</b>

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 15290	Rs. 15290
		<b>Total Addition Component Amount (in Rs.): 19290</b>

**Total Net Amount (in Rs.): 149999.9531235**