

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Jhumpura	<b>Gram Panchayat</b>	Khendra

<b>Work Code</b>	OD/361/3450/119424/385533/00071024 (TOILET REPAIRING, FLOORING & COLORING AT GOVT.PS FAKIRPUR)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Jhumpura	<b>Proposal Date</b>	-
<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>	
<b>Fund Sanction Amount (in Rs.)</b>	150000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Dismantling (AR1621) : Removing old grading plaster from roof -</b> 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	51.606594567	77.77	4013.4448594756

2	<p style="text-align: center;"><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b></p> <p>- 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)</p>	Sqm	12.90164864175	761.1849960696	9820.5413706618
3	<p><b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring -</b></p> <p>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	39.297969	100.34838709677	3943.4878053289

4	<p style="text-align: center;"><b>Flooring (AR0817aa) :</b>  <b>Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b>  Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	42.15473625	1543.315304651	65058.049618151
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5	<p style="text-align: center;"><b>Painting (AR0905k) :</b>  <b>Painting two coats of enamel paint on old wood work in inner surface paint (Inside)(For repair and maintenance).</b> -  Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	Sqm	56.125024875	167.00067737581	9372.9171718592
6	<p style="text-align: center;"><b>Painting (AR0901d) :</b>  <b>Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</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.</p>	Sqm	110.366534328	71.83753306751	7928.4595593342

7	<p align="center"><b>Painting (AR0920bk) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . -</b>          Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound 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)(For repair and maintenance).</p>	Sqm	203.37333540732	168.22847251428	34213.185565708
<b>Total Amount (in Rs.): 134350.08595052</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Dismantling (AR1621) : Removing old grading plaster from roof -</b> 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>	-	51.606594567	Sqm
i	Un-Skilled	0.1666666666667	8.6010990945	-

2	<p><b>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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in-charge. (Old Work)</b></p>	-	12.90164864175	Sqm
i	Un-Skilled	1.008	13.004861830884	-
ii	Highly-Skilled	0.165	2.1287720258888	-
3	<p><b>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.</b></p>	-	39.297969	Sqm
i	Un-Skilled	0.21505376344086	8.4511761290323	-

4	<p><b>Flooring (AR0817aa)</b>  <b>: Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b>          Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	42.15473625	Sqm
i	Highly-Skilled	0.325	13.70028928125	-
ii	Un-Skilled	0.325	13.70028928125	-
iii	Semi-Skilled	0.76	32.03759955	-

5	<p><b>Painting (AR0905k) : Painting two coats of enamel paint on old wood work in inner surface paint (Inside)(For repair and maintenance). -</b>  Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	56.125024875	Sqm
i	Highly-Skilled	0.13709677419355	7.6945598618952	-
ii	Un-Skilled	0.12064516129032	6.7712126784677	-
6	<p><b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</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.</p>	-	110.366534328	Sqm
i	Highly-Skilled	0.053763440860215	5.9336846412903	-
ii	Un-Skilled	0.053763440860215	5.9336846412903	-

7	<b>Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . -</b> Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound 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)(For repair and maintenance).	-	203.37333540732	Sqm
i	Highly-Skilled	0.10991870967742	22.354534610766	-
ii	Un-Skilled	0.12011870967742	24.42894263192	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	80.891266287345	462	37371.765024753
2	Highly-Skilled	51.81184042109	612	31708.846337707
3	Semi-Skilled	32.03759955	512	16403.2509696
<b>Total: 85483.86233206</b>				

#### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Dismantling (AR1621)</b> :.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.	-	51.606594567	Sqm
2	<b>Concrete (AR0318)</b> :.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)	-	12.90164864175	Sqm
i)	<b>BRM340</b> : Cement	0.1287	1.6604421801932	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.2322296755515	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.	0.018	0.2322296755515	1 Cum.
iv)	<b>BRM056</b> : 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	0.2322296755515	1 Cum.

3	<b>Dismantling (AR1612)</b> : <b>Dismantling and removing 2.5 cm. thick artificial stone flooring</b> - 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.	-	<b>39.297969</b>	Sqm
4	<b>Flooring (AR0817aa)</b> : <b>Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)</b> - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	<b>42.15473625</b>	Sqm
i)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	42.15473625	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	42.15473625	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	5.796276234375	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.63232104375	1 Cum

5	<p><b>Painting(AR0905k)</b>  <b>:.Painting two coats of enamel paint on old wood work in inner surface paint (Inside)(For repair and maintenance).</b> -  Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	<b>56.125024875</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	7.015628109375	1 Litre
6	<p><b>Painting(AR0901d)</b>  <b>:.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</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.</p>	-	<b>110.366534328</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	9.270788883552	1 Ltr

7	<b>Painting(AR0920bk)</b> <b>:.Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . -</b> Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound 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)(For repair and maintenance).	-	<b>203.37333540732</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	25.421666925915	1 Litre
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	17.083360174215	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	7.4567184145682	1 Qntl.	584.892	4361.3749469336
2	<b>BRM028</b>	0.8645507193015	1 Cum	1064.91	920.66870649136
3	<b>BRM064</b>	0.2322296755515	1 Cum.	1758.11	408.28531488385
4	<b>BRM056</b>	0.2322296755515	1 Cum.	2277.91	528.99830023552
5	<b>BRM131</b>	42.15473625	1 Sqm.	670.4994451	28264.727263962
6	<b>BRMMR0027</b>	42.15473625	1 Sqm	8.5	358.315258125
7	<b>BRM141</b>	7.015628109375	1 Litre	205.64732	1442.7451188096
8	<b>BRM253</b>	26.354149057767	1 Ltr	159.33732	4199.1994817451
9	<b>BRM140</b>	25.421666925915	1 Litre	243.30732	6185.277649677
<b>Total: 46669.592040863</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	0.8645507193015	1 Cum	50.25	43.4436736449
2	<b>BRM064</b>	0.2322296755515	1 Cum.	170.5	39.595159681531
3	<b>BRM056</b>	0.2322296755515	1 Cum.	170.5	39.595159681531
<b>Total: 122.63399300796</b>					

**ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 1343.5008595052
2	Display Citizen Board @ Rs. 3306	Rs. 3306
3	Any Other Lumpsum @ Rs. 11000	Rs. 11000
<b>Total Addition Component Amount (in Rs.): 15649.500859505</b>		

**Total Net Amount (in Rs.): 149999.58681002**