

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Ganjam	<b>Block</b>	Surada	<b>Gram Panchayat</b>	Bhagabanpur

<b>Work Code</b>	OD/354/3385/275061/410907/00065262 (Repair and maintenance of UPS Gunduribadi)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Surada	<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.)
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1	<p align="center"><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.</b></p>	Cum	3.8875125	6981.96469532	27142.475027615
2	<p align="center"><b>Other Building Items. (AR1901B) : Fifth Floor - Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in- charge(for new work only)</b></p>	Sqm	55.8985	1070.4145644596	59834.568531445

3	<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	8.0035	1527.264926011	12223.464835329
4	<p style="text-align: center;"><b>Painting (AR0903b) :</b>  <b>Painting two coats of enamel paint with a coat of red oxide primer over iron surface -</b> Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	24.075	230.34345832053	5545.5187590668

5	<p align="center"><b>Painting (AR0918cb) :</b>  <b>Finishing wall two coats with weather coat with one coat waterbound Primer -</b> 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	244.0435	160.71529806685	39221.523843777
<b>Total Amount (in Rs.): 143967.55099723</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>            Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.</p>	-	3.8875125	Cum
	i Un-Skilled	4.6	17.8825575	-
	ii Skilled	0.68	2.6435085	-

2	<p><b>Other Building Items. (AR1901B) :</b>  <b>Fifth Floor -</b>  Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	55.8985	Sqm
	i Un-Skilled	0.2756768175	15.409920583024	-
	ii Highly-Skilled	0.2756768175	15.409920583024	-
3	<p><b>Flooring (AR0817aa) : 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>	-	8.0035	Sqm

	i	Highly-Skilled	0.325	2.6011375	-
	ii	Un-Skilled	0.325	2.6011375	-
	iii	Semi-Skilled	0.76	6.08266	-
4		<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	24.075	Sqm
	i	Highly-Skilled	0.18817204301075	4.5302419354839	-
	ii	Un-Skilled	0.17204301075269	4.141935483871	-
5		<b>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer</b> - 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)	-	244.0435	Sqm
	i	Un-Skilled	0.11776344086022	28.73940227957	-

ii	Highly-Skilled	0.10776344086022	26.29896727957	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	68.774953346465	462	31774.028446067
2	Skilled	2.6435085	562	1485.651777
3	Highly-Skilled	48.840267298078	612	29890.243586423
4	Semi-Skilled	6.08266	512	3114.32192
<b>Total:</b>				<b>66264.24572949</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Concrete (AR0307)</b> :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.	-	<b>3.8875125</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	12.556665375	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.749380625	1 Cum

iii)	<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)	0.9	3.49876125	1 Cum.
2	<b>Other Building Items. (AR1901B) :.Fifth Floor</b> - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	<b>55.8985</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.4248286	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	6.0034989	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.1738685	1 Cum
iv)	<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	55.8985	1 Sqm.

3	<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>	-	8.0035	Sqm
i)	<p><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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	8.0035	1 Sqm.
ii)	<p><b>BRMMR0027</b> : Wax Polish</p>	1	8.0035	1 Sqm
iii)	<p><b>BRM340</b> : Cement</p>	0.1375	1.10048125	1 Qntl.
iv)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.1200525	1 Cum
4	<p><b>Painting(AR0903b)</b>  <b>:.Painting two coats of enamel paint with a coat of red oxide primer over iron surface -</b> Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	24.075	Sqm
i)	<p><b>BRM137</b> : Red oxide Primer</p>	0.054	1.30005	1 Litre

ii)	<b>BRM141</b> : Enamel paint	0.125	3.009375	1 Litre
5	<b>Painting(AR0918cb) :Finishing wall two coats with weather coat with one coat waterbound Primer -</b> 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)	-	<b>244.0435</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	30.5054375	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	22.042638709677	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	19.660645525	1 Qntl.	593.017	11659.097027299
2	<b>BRM028</b>	3.043301625	1 Cum	407.34	1239.6584839275
3	<b>BRM056</b>	3.49876125	1 Cum.	1802.83	6307.6717443375
4	<b>BRM174</b>	0.4248286	1Qntl	2041.967	867.4859818562
5	<b>BRM131</b>	63.902	1 Sqm.	660.6811111	42218.844361512
6	<b>BRMMR0027</b>	8.0035	1 Sqm	8.5	68.02975
7	<b>BRM137</b>	1.30005	1 Litre	142.94787	185.8393783935
8	<b>BRM141</b>	3.009375	1 Litre	205.58787	618.69099628125
9	<b>BRM255</b>	30.5054375	1 Ltr	195.03787	5949.7155534181
10	<b>BRM253</b>	22.042638709677	1 Ltr	159.27787	3510.904542857
<b>Total: 72625.937819882</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	3.043301625	1 Cum	205.25	624.63765853125
2	<b>BRM056</b>	3.49876125	1 Cum.	290.5	1016.390143125
<b>Total: 1641.0278016563</b>					

## ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for EI Work @ Rs. 3092	Rs. 3092
2	Provision for Contingency @ 1%	Rs. 1439.6755099723
3	Display Citizen Board @ Rs. 1500	Rs. 1500
<b>Total Addition Component Amount (in Rs.): 6031.6755099723</b>		

**Total Net Amount (in Rs.): 149999.22650721**