

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendrapara	<b>Block</b>	Derabish	<b>Gram Panchayat</b>	Nahanga

<b>Work Code</b>	OD/360/3435/119072/396585/00017085 (Maintenance of Bhagabati UP school Pallipatana)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	ps
<b>Executing Agency</b>	Panchayat Samiti, Derabish	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Primary School Building
<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>	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Dismantling (AR1612) : 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.</p>	Sqm	71.814019	100.34838709677	7206.4209775868
2	<p><b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</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>	Sqm	71.814019	1014.6189228898	72863.862606168

3	<p style="text-align: center;"><b>Flooring (AR0817a) :</b></p> <p><b>Fixing tiles(30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge</b></p>	Sqm	40.3901738292	1335.167544236	53927.649202798
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4	<p style="text-align: center;"><b>Painting (AR0903) :</b></p> <p><b>Painting two coats of enamel paint in inner surface paint (Inner surface) -</b> Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)</p>	Sqm	15.7338198225	164.22772665202	2583.9294610017
5	<p style="text-align: center;"><b>Painting (AR0918cb) :</b></p> <p><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	117.825065877	160.28099806685	18885.119156058

6	<p 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	15.82	66.11573166851	1045.9508749958
<b>Total Amount (in Rs.): 156512.93227861</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><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.</p>	-	71.814019	Sqm
i	Un-Skilled	0.21505376344086	15.443875053763	-

2	<p><b>Other Building Items. (AR1901B) :</b>  <b>Vitrified Tile 600mmx600mm Plain Ivory -</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>	-	71.814019	Sqm
i	Un-Skilled	0.216	15.511828104	-
ii	Highly-Skilled	0.216	15.511828104	-

3	<p><b>Flooring (AR0817a)</b>  <b>: Fixing</b>  <b>tiles(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) - Fixing</b>  ceramic Tiles  (30cmx30cm /  40cmx40cm special  plain/printed series  ceramic floor tiles of  premium grade having  thickness 7mm to  8mm confirming to IS  13755) 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  ceramic tiles  including rubbing and  polishing, cost of  precast tiles complete  as per direction of  Engineer-in-charge</p>	-	40.3901738292	Sqm
i	Highly-Skilled	0.325	13.12680649449	-
ii	Un-Skilled	0.325	13.12680649449	-
iii	Semi-Skilled	0.76	30.696532110192	-

4	<p><b>Painting (AR0903) : Painting two coats of enamel paint in inner surface paint (Inner surface) -</b> Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint, brushes and putty required for the work etc. complete and as per direction of Engineer- in-charge.(Inside)</p>	-	15.7338198225	Sqm
i	Highly-Skilled	0.13440860215054	2.1147607288306	-
ii	Un-Skilled	0.11827956989247	1.860989441371	-
5	<p><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)</p>	-	117.825065877	Sqm
i	Un-Skilled	0.11776344086022	13.875485177257	-
ii	Highly-Skilled	0.10776344086022	12.697234518487	-

6	<b>Painting (AR0901b) : 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&P required for the work complete as per direction of the Engineer-in-charge.	-	15.82	Sqm
i	Highly-Skilled	0.053763440860215	0.8505376344086	-
ii	Un-Skilled	0.053763440860215	0.8505376344086	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	60.66952190529	462	28029.319120244
5	Highly-Skilled	44.301167480216	612	27112.314497892
3	Semi-Skilled	30.696532110192	512	15716.624440418
<b>Total: 70858.258058555</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><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.</p>	-	<b>71.814019</b>	Sqm
2	<p><b>Other Building Items. (AR1901B)</b>  <b>:.Vitrified Tile 600mmx600mm Plain Ivory -</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>	-	<b>71.814019</b>	Sqm
i)	<b>BRM174 : White Cement.</b>	0.0076	0.5457865444	1Qntl
ii)	<b>BRM340 : Cement</b>	0.1074	7.7128256406	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.021	1.508094399	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 1a) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	71.814019	1 Sqm.
3	<b>Flooring (AR0817a) :.Fixing tiles(30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge</b>	-	<b>40.3901738292</b>	Sqm
i)	<b>BRMMR0027</b> : Wax Polish	1	40.3901738292	1 Sqm
ii)	<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	40.3901738292	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.1375	5.553648901515	1 Qntl.

iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.605852607438	1 Cum
4	<b>Painting(AR0903) :.Painting two coats of enamel paint in inner surface paint (Inner surface) -</b> Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	<b>15.7338198225</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	1.9667274778125	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>117.825065877</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	14.728133234625	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	10.642264014697	1 Ltr

6	<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.	-	15.82	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.85428	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM174</b>	0.5457865444	1Qntl	2028.787	1107.2846460536
2	<b>BRM340</b>	13.266474542115	1 Qntl.	605.327	8030.5552351548
3	<b>BRM028</b>	2.113947006438	1 Cum	517.08	1093.079718089
4	<b>BRM131</b>	71.814019	1 Sqm.	660.6811111	47446.165865477
5	<b>BRMMR0027</b>	40.3901738292	1 Sqm	8.5	343.3164775482
6	<b>BRM130</b>	40.3901738292	1 Sqm.	459.6811111	18566.599983329
7	<b>BRM141</b>	1.9667274778125	1 Litre	205.58787	404.33531303394
8	<b>BRM255</b>	14.728133234625	1 Ltr	191.59787	2821.8789568304
9	<b>BRM253</b>	10.642264014697	1 Ltr	159.27787	1695.0771442386
10	<b>BRM137</b>	0.85428	1 Litre	142.94787	122.1175063836
<b>Total: 81630.410846137</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	2.113947006438	1 Cum	150.5	318.14902446892
<b>Total: 318.14902446892</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for PH Work @ Rs. 25000	Rs. 25000
2	Provision for Contingency @ 1%	Rs. 1565.1293227861
3	Display Citizen Board @ Rs. 300	Rs. 300
4	Any Other Lumpsum @ Rs. 16610	Rs. 16610
<b>Total Addition Component Amount (in Rs.): 43475.129322786</b>		

**Total Net Amount (in Rs.): 199988.06160139**