

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Tangarpali	<b>Gram Panchayat</b>	Kiripsira

<b>Work Code</b>	OD/373/3589/121772/383767/00069658 (Maintenance of Khamarbahal Primary School of Kiripsira)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Tangarpali	<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>	11045
<b>Fund Sanction Amount (in Rs.)</b>	250000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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>	Sqm	108.169	100.34838709677	10854.584683871

2	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	7.27638	5470.83589402	39807.880882529
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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	6.6225	1532.952635466	10151.978828374
4	<p style="text-align: center;"><b>Painting (AR0922) :</b>  <b>Finishing wall two coats with distemper of approved shades on new work (Inside) -</b>          Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	231.025	78.865539425	18219.911245661

5	<p style="text-align: center;"><b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</b></p> <p>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	109.549	1015.9860704442	111300.25803109
6	<p style="text-align: center;"><b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</b></p> <p>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	496.798	71.84257680551	35691.248471824

7	<p align="center"><b>Painting (AR0903i) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface) -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	44.9325	164.24273777702	7379.836815166
8	<p align="center"><b>Painting (AR0918f) :</b>  <b>Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) -</b>  Finishing wall with two coat weather coat paint of approved shade 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)</p>	Sqm	127.365	87.8807022125	11192.925637295
<b>Total Amount (in Rs.): 244598.62459581</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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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>	-	108.169	Sqm
i	Un-Skilled	0.21505376344086	23.262150537634	-
2	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	7.27638	Cum
i	Skilled	0.18	1.3097484	-
ii	Un-Skilled	3.9	28.377882	-

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>	-	6.6225	Sqm
i	Highly-Skilled	0.325	2.1523125	-
ii	Un-Skilled	0.325	2.1523125	-
iii	Semi-Skilled	0.76	5.0331	-
4	<p><b>Painting (AR0922) :</b>  <b>Finishing wall two coats with distemper of approved shades on new work (Inside) -</b>          Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	231.025	Sqm

	i	Highly-Skilled	0.052	12.0133	-
	ii	Un-Skilled	0.062	14.32355	-
5		<b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</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)	-	109.549	Sqm
	i	Un-Skilled	0.216	23.662584	-
	ii	Highly-Skilled	0.216	23.662584	-
6		<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&P required for the work complete as per direction of the Engineer-in-charge.	-	496.798	Sqm

	i	Highly-Skilled	0.053763440860215	26.709569892473	-
	ii	Un-Skilled	0.053763440860215	26.709569892473	-
7		<b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) -</b> Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	44.9325	Sqm
	i	Highly-Skilled	0.13440860215054	6.039314516129	-
	ii	Un-Skilled	0.11827956989247	5.3145967741935	-
8		<b>Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) -</b> Finishing wall with two coat weather coat paint of approved shade 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)	-	127.365	Sqm
	i	Un-Skilled	0.064	8.15136	-

ii	Highly-Skilled	0.054	6.87771	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	131.9540057043	462	60962.750635387
2	Skilled	1.3097484	562	736.0786008
3	Highly-Skilled	77.454790908602	612	47402.332036065
4	Semi-Skilled	5.0331	512	2576.9472
<b>Total:</b>				<b>111678.10847225</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1612)</b> ∴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>108.169</b>	Sqm

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>7.27638</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	16.6629102	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.4926624	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.9853248	1 Cum.
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>	-	<b>6.6225</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	6.6225	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	6.6225	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	0.91059375	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.0993375	1 Cum
4	<b>Painting(AR0922)</b> :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	<b>231.025</b>	Sqm
i)	<b>BRM142</b> : Distemper	0.25	57.75625	1 Kg.
5	<b>Other Building Items. (AR1901B)</b> :.Vitrified Tile 600mmx600mm Plain Ivory - 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>109.549</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.8325724	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	11.7655626	1 Qntl.

iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	2.300529	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	109.549	1 Sqm.
6	<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&P required for the work complete as per direction of the Engineer-in-charge.	-	<b>496.798</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	41.731032	1 Ltr
7	<b>Painting(AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)</b> - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	<b>44.9325</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	5.6165625	1 Litre

8	<b>Painting(AR0918f)</b> :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)	-	127.365	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	15.920625	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	29.33906655	1 Qntl.	561.242	16466.316388655
2	<b>BRM028</b>	5.8925289	1 Cum	483.09	2846.621786301
3	<b>BRM044</b>	6.9853248	1 Cum.	1336.36	9334.908649728
4	<b>BRM131</b>	116.1715	1 Sqm.	662.8738891	77007.054007581
5	<b>BRMMR0027</b>	6.6225	1 Sqm	8.5	56.29125
6	<b>BRM142</b>	57.75625	1 Kg.	70.46677	4069.8963848125
7	<b>BRM174</b>	0.8325724	1Qntl	2030.732	1690.7314149968
8	<b>BRM253</b>	41.731032	1 Ltr	159.39677	6651.7917095666
9	<b>BRM141</b>	5.6165625	1 Litre	205.70677	1155.3649303781
10	<b>BRM255</b>	15.920625	1 Ltr	195.15677	3107.0177513812
<b>Total: 122385.9942734</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	5.8925289	1 Cum	712.25	4196.953709025
2	<b>BRM044</b>	6.9853248	1 Cum.	159.5	1114.1593056
<b>Total: 5311.113014625</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2500	Rs. 2500

2	Display Citizen Board @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 401.3	Rs. 401.3
<b>Total Addition Component Amount (in Rs.): 5401.3</b>		

**Total Net Amount (in Rs.): 249999.92459581**