

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Cuttack	<b>Block</b>	Baranga	<b>Gram Panchayat</b>	Dadhapatna

<b>Work Code</b>	OD/350/3336/116936/907103/00013273 (GOVT PS REFUGEE COLONY)
<b>Project Category</b>	Building

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Baranga	<b>Proposal Date</b>	07-02-2023
<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>	
---------------------	--

### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	90000

### 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	55.2868354284	98.176344086021	8818.3480993817

2	<p><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.</p>	Sqm	4.4343716736	49.088172043011	8818.3480993817
3	<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	55.2868354284	1091.5734980364	8818.3480993817

4	<p><b>Flooring (AR0817bdk) :</b>  <b>Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) . -</b>  Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles 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 the cost of precast tiles(For repair and maintenance).</p>	Sqm	4.4343716736	1053.573634625	8818.3480993817
5	<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>	Sqm	109.167992725	70.725438533333	8818.3480993817

6	<b>Painting (AR0922)</b> <b>: Finishing wall</b> <b>two coats with</b> <b>distemper of</b> <b>approved shades</b> <b>on new work</b> <b>(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)	Sqm	109.167992725	80.77778	8818.3480993817
<b>Total Amount (in Rs.): 87206.418262097</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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.	-	55.2868354284	Sqm
i	Un-Skilled	0.21505376344086	11.889642027613	-

2	<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.	-	4.4343716736	Sqm
	i Un-Skilled	0.10752688172043	0.47681415845161	-
3	<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)	-	55.2868354284	Sqm
	i Un-Skilled	0.216	11.941956452534	-
	ii Highly-Skilled	0.216	11.941956452534	-

4	<p><b>Flooring (AR0817bdk) : Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) . -</b>  Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles 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 the cost of precast tiles(For repair and maintenance).</p>	-	4.4343716736	Sqm
	i Un-Skilled	0.325	1.44117079392	-
	ii Highly-Skilled	0.325	1.44117079392	-
5	<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>	-	109.167992725	Sqm
	i Highly-Skilled	0.053763440860215	5.8692469206989	-

	ii	Un-Skilled	0.053763440860215	5.8692469206989	-
6		<b>Painting (AR0922) : 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)	-	109.167992725	Sqm
	i	Highly-Skilled	0.052	5.6767356217	-
	ii	Un-Skilled	0.062	6.76841554895	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	38.387245902168	452	17351.03514778
1	Highly-Skilled	24.929109788853	602	15007.32409289
<b>Total:</b>				<b>32358.35924067</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
--------	------------------------	---	---------------------------	------

1	<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>55.2868354284</b>	Sqm
2	<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.	-	<b>4.4343716736</b>	Sqm
3	<b>Other Building Items. (AR1901B)</b> : <b>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)	-	<b>55.2868354284</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.42017994925584	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	5.9378061250102	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.1610235439964	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	55.2868354284	1 Sqm.
4	<b>Flooring (AR0817bdk) :.Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) . -</b> Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles 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 the cost of precast tiles(For repair and maintenance).	-	<b>4.4343716736</b>	Sqm
i)	<b>BRMM332</b> : Vitrified Floor Tile 600mm x 1200mm size of approved shade and make (Single Charge) (New miscellaneous Materials)	1	4.4343716736	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.1375	0.60972610512	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.066515575104	1 Cum

5	<b>Painting(AR0901d)</b> :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.	-	109.167992725	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	9.1701113889	1 Ltr
6	<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)	-	109.167992725	Sqm
i)	<b>BRM142</b> : Distemper	0.25	27.29199818125	1 Kg.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM174</b>	0.42017994925584	1Qntl	2017.18	847.5785900399
2	<b>BRM340</b>	6.5475322301302	1 Qntl.	473.937	3103.1177825512
3	<b>BRM028</b>	1.2275391191004	1 Cum	417.99	513.09907639278
4	<b>BRM131</b>	55.2868354284	1 Sqm.	643.6	35582.607281718
5	<b>BRMM332</b>	4.4343716736	1 Sqm.	611.26	2710.5540292047
6	<b>BRM253</b>	9.1701113889	1 Ltr	159.03	1458.3228141768
7	<b>BRM142</b>	27.29199818125	1 Kg.	70	1910.4398726875
<b>Total: 46125.719446771</b>					

## ROYALTY 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.	-	55.2868354284	Sqm
2	<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.	-	4.4343716736	Sqm
3	<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)	-	55.2868354284	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.42017994925584	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	5.9378061250102	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.1610235439964	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	55.2868354284	1 Sqm.
4	<b>Flooring (AR0817bdk) :.Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) . -</b> Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in wall cladding/ glazed tiles 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 the cost of precast tiles(For repair and maintenance).	-	<b>4.4343716736</b>	Sqm
i)	<b>BRM340</b> : Cement	0.1375	0.60972610512	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.066515575104	1 Cum
5	<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>109.167992725</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	9.1701113889	1 Ltr

6	<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)	-	109.167992725	Sqm
i)	<b>BRM142</b> : Distemper	0.25	27.29199818125	1 Kg.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	1.2275391191004	1 Cum	40.25	49.408449543791
					<b>Total: 49.408449543791</b>

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 900	Rs. 900
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 900	Rs. 900
		<b>Total Addition Component Amount (in Rs.): 2300</b>

**Total Net Amount (in Rs.): 89506.418262097**