

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Bhograi	<b>Gram Panchayat</b>	Kanthibhaunri

<b>Work Code</b>	OD/346/3302/116156/391798/00066324 (MAINTENANCE OF KANTHIBHAUNRI NODAL SCHOOL BUILDING)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhograi	<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>	Secondary 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 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	9.3367515	1528.680069836	14272.905935061
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2	<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	95.5507355	1010.809065045	96583.549615117
3	<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	351.0154049	71.83248932951	25214.310326973

4	<p align="center"><b>Painting (AR0920) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b>  Finishing wall two coats with plastic emulsion paint 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	351.015	94.7526285875	33259.593923641
<b>Total Amount (in Rs.): 169330.35980079</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	9.3367515	Sqm

	i	Highly-Skilled	0.325	3.0344442375	-
	ii	Un-Skilled	0.325	3.0344442375	-
	iii	Semi-Skilled	0.76	7.09593114	-
2		<b>Other Building Items. (AR1901B) :</b> <b>Vitrified Tile</b> <b>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)	-	95.5507355	Sqm
	i	Un-Skilled	0.216	20.638958868	-
	ii	Highly-Skilled	0.216	20.638958868	-

3	<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.	-	351.0154049	Sqm
i	Highly-Skilled	0.053763440860215	18.871795962366	-
ii	Un-Skilled	0.053763440860215	18.871795962366	-
4	<b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b> Finishing wall two coats with plastic emulsion paint 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)	-	351.015	Sqm
i	Highly-Skilled	0.054	18.95481	-
ii	Un-Skilled	0.064	22.46496	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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1	Highly-Skilled	61.500009067866	612	37638.005549534
2	Un-Skilled	65.010159067866	462	30034.693489354
3	Semi-Skilled	7.09593114	512	3633.11674368
				<b>Total: 71305.815782568</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Flooring (AR0817aa)</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) - 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>9.3367515</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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	9.3367515	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	9.3367515	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	1.28380333125	1 Qntl.

iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.1400512725	1 Cum
2	<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)	-	<b>95.5507355</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.7261855898	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	10.2621489927	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	2.0065654455	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	95.5507355	1 Sqm.
3	<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>351.0154049</b>	Sqm

i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	29.4852940116	1 Ltr
4	<b>Painting(AR0920)</b> :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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>351.015</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	43.876875	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM131</b>	104.887487	1 Sqm.	660.6811111	69297.181451647
2	<b>BRMMR0027</b>	9.3367515	1 Sqm	8.5	79.36238775
3	<b>BRM340</b>	11.54595232395	1 Qntl.	561.987	6488.6751086797
4	<b>BRM028</b>	2.146616718	1 Cum	966.39	2074.468930108
5	<b>BRM174</b>	0.7261855898	1Qntl	2041.967	1482.8470102471
6	<b>BRM253</b>	29.4852940116	1 Ltr	159.27787	4696.3548264914
7	<b>BRM140</b>	43.876875	1 Litre	249.58787	10951.135773506
<b>Total: 95070.025488429</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	2.146616718	1 Cum	75.25	161.5329080295
<b>Total: 161.5329080295</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 13900	Rs. 13900
2	Provision for Contingency @ 1%	Rs. 1693.3035980079

3	Display Citizen Board @ Rs. 1000	Rs. 1000
4	Any Other Lumpsum @ Rs. 14000	Rs. 14000
<b>Total Addition Component Amount (in Rs.): 30593.303598008</b>		

**Total Net Amount (in Rs.): 199923.6633988**