

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Nandahandi	Gram Panchayat	Jhadabandha guda

Work Code	OD/366/3518/120504/428072/00064014 (Repair and Maintenance of Pry School at Jhadabandhaguda)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nandahandi	Proposal Date	07-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
--------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	151000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;">Flooring (AR0817aa) : Second floor - 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	49.93	1607.498797781	80262.414973205
2	<p>Dismantling (AR1612) : First floor - 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	57.49	105.36580645161	6057.4802129031

3	<p style="text-align: center;">Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips - Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	1.2	5848.1525808	7017.78309696
4	<p style="text-align: center;">Painting (AR0901ai) : First Floor - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in- charge.</p>	Sqm	124.47	73.014918745645	9088.1669362704

5	<p style="text-align: center;">Painting (AR0901aik) : Priming one coat in outer surface with primer of approved quality over woodwork(For repair and maintenance) . - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).</p>	Sqm	124.47	71.265338100484	8870.3966333672
6	<p style="text-align: center;">Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	124.47	163.77808061851	20385.457694586

7	<p align="center">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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	75.57	156.89114311851	11856.263685466
Total Amount (in Rs.): 143537.96323276					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Flooring (AR0817aa) : Second floor - 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>	-	49.93	Sqm
	i Highly-Skilled	0.3583125	17.890543125	-
	ii Un-Skilled	0.3583125	17.890543125	-
	iii Semi-Skilled	0.8379	41.836347	-

2	<p>Dismantling (AR1612) : First floor - 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>	-	57.49	Sqm
i	Un-Skilled	0.2258064516129	12.981612903226	-
3	<p>Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips - Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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&P required for the work etc. complete as per specification and direction of Engineer-in charge.</p>	-	1.2	Cum
i	Skilled	0.68	0.816	-
ii	Un-Skilled	4.6	5.52	-

4	Painting (AR0901ai) : First Floor - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	124.47	Sqm
i	Highly-Skilled	0.056451612903226	7.0265322580645	-
ii	Un-Skilled	0.056451612903226	7.0265322580645	-
5	Painting (AR0901aik) : Priming one coat in outer surface with primer of approved quality over woodwork(For repair and maintenance) . - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).	-	124.47	Sqm
i	Highly-Skilled	0.054838709677419	6.8257741935484	-
ii	Un-Skilled	0.054838709677419	6.8257741935484	-

6	<p>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	124.47	Sqm
i	Highly-Skilled	0.10776344086022	13.413315483871	-
ii	Un-Skilled	0.11776344086022	14.658015483871	-
7	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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>	-	75.57	Sqm
i	Un-Skilled	0.11776344086022	8.8993832258065	-
ii	Highly-Skilled	0.10776344086022	8.1436832258065	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
--------	-------------	----------	------	--------

1	Highly-Skilled	53.29984828629	612	32619.50715121
2	Un-Skilled	73.801861189516	462	34096.459869556
3	Semi-Skilled	41.836347	512	21420.209664
4	Skilled	0.816	562	458.592
				Total: 88594.768684766

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Flooring (AR0817aa) :.Second floor - 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.	-	49.93	Sqm
i)	BRM131 : 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	49.93	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	49.93	1 Sqm
iii)	BRM340 : Cement	0.1375	6.865375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.74895	1 Cum

2	Dismantling (AR1612) : First floor - 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.	-	57.49	Sqm
3	Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips - Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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&P required for the work etc. complete as per specification and direction of Engineer-in-charge.	-	1.2	Cum
i)	BRM057 : 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)(Hand broken)	0.9	1.08	1 Cum.
ii)	BRM340 : Cement	2.15	2.58	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.54	1 Cum
4	Painting(AR0901ai) : First Floor - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	124.47	Sqm
i)	BRM138 : Wood Primer	0.075	9.33525	1 Litre

5	Painting(AR0901aik) :.Priming one coat in outer surface with primer of approved quality over woodwork(For repair and maintenance) . - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).	-	124.47	Sqm
i)	BRM138 : Wood Primer	0.075	9.33525	1 Litre
6	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	124.47	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	15.55875	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	10.45548	1 Ltr

7	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	75.57	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	9.44625	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	6.34788	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM131	49.93	1 Sqm.	665.5902781	33232.922585533
2	BRMMR0027	49.93	1 Sqm	8.5	424.405
3	BRM340	9.445375	1 Qntl.	591.062	5582.80223825
4	BRM028	1.28895	1 Cum	547.44	705.622788
5	BRM057	1.08	1 Cum.	1556.5	1681.02
6	BRM138	18.6705	1 Litre	155.50622	2903.37888051
7	BRM140	15.55875	1 Litre	249.76622	3886.050175425
8	BRM252	16.80336	1 Ltr	125.92622	2115.9836080992
9	BRM255	9.44625	1 Ltr	195.21622	1844.061218175
Total: 52376.246493992					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.28895	1 Cum	40.25	51.8802375
2	BRM057	1.08	1 Cum.	149.5	161.46
Total: 213.3402375					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1462	Rs. 1462

2	Display Citizen Board @ Rs. 5000	Rs. 5000
Total Addition Component Amount (in Rs.): 6462		

Total Net Amount (in Rs.): 149999.96323276