

ESTIMATION DPR

State	Odisha	District	Ganjam	Block	Polosara	Gram Panchayat	Kendubadi
--------------	--------	-----------------	--------	--------------	----------	-----------------------	-----------

Work Code	OD/354/3380/117913/411564/00101988 (Repair and Maintenance of High School SRK Nodal High School, Kendubadi)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Polosara	Proposal Date	03-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Secondary School	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

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

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	11572
Fund Sanction Amount (in Rs.)	248000

ACTIVITY STATEMENT

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

1	<p style="text-align: center;">Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.</p>	Sqm	351.893802765	72.855030353548	25637.23368167
2	<p style="text-align: center;">Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) - 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)(For Repair and maintenance)</p>	Sqm	351.893802765	96.02497735	33790.594440114

3	<p style="text-align: center;">Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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	40.134096	164.23523221452	6591.4325762798
4	<p style="text-align: center;">Other Building Items. (AR1901B) : 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)</p>	Sqm	154.8100753375	1003.528513375	155356.32475891

5	<p style="text-align: center;">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) - 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	16.036451345	1525.968612726	24471.121411978
Total Amount (in Rs.): 245846.70686895					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
--------	---------------	---	---------------------------	------

1	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.</p>	-	351.893802765	Sqm
i	Highly-Skilled	0.053763440860215	18.919021654032	-
ii	Un-Skilled	0.053763440860215	18.919021654032	-
2	<p>Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) - 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)(For Repair and maintenance)</p>	-	351.893802765	Sqm
i	Highly-Skilled	0.05508	19.382310656296	-
ii	Un-Skilled	0.06528	22.971627444499	-

3	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-	40.134096	Sqm
i	Highly-Skilled	0.13440860215054	5.3943677419355	-
ii	Un-Skilled	0.11827956989247	4.7470436129032	-
4	Other Building Items. (AR1901B) : 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)	-	154.8100753375	Sqm
i	Un-Skilled	0.216	33.4389762729	-
ii	Highly-Skilled	0.216	33.4389762729	-

5	<p>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) - 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>	-	16.036451345	Sqm	
	i	Highly-Skilled	0.325	5.211846687125	-
	ii	Un-Skilled	0.325	5.211846687125	-
	iii	Semi-Skilled	0.76	12.1877030222	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	82.346523012289	612	50396.072083521
2	Un-Skilled	85.28851567146	462	39403.294240214
3	Semi-Skilled	12.1877030222	512	6240.1039473664
Total:				96039.470271102

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	-	351.893802765	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	31.783956378774	1 Ltr
2	Painting(AR0920k) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) - 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)(For Repair and maintenance)	-	351.893802765	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	43.986725345625	1 Litre

3	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-	40.134096	Sqm
i)	BRM141 : Enamel paint	0.125	5.016762	1 Litre
4	Other Building Items. (AR1901B) :.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)	-	154.8100753375	Sqm
i)	BRM174 : White Cement.	0.0076	1.176556572565	1Qntl
ii)	BRM340 : Cement	0.1074	16.626602091248	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	3.2510115820875	1 Cum
iv)	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	154.8100753375	1 Sqm.

5	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) - 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.	-	16.036451345	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	16.036451345	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	16.036451345	1 Sqm
iii)	BRM340 : Cement	0.1375	2.2050120599375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.240546770175	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM253	31.783956378774	1 Ltr	159.33732	5064.3704283908
2	BRM140	43.986725345625	1 Litre	249.64732	10981.168098111
3	BRM141	5.016762	1 Litre	205.64732	1031.6836603778
4	BRM174	1.176556572565	1Qntl	2047.912	2409.4843236347
5	BRM340	18.831614151185	1 Qntl.	591.182	11132.911317126
6	BRM028	3.4915583522625	1 Cum	407.34	1422.2513792106
7	BRM131	170.8465266825	1 Sqm.	662.3175001	113154.64445312
8	BRMMR0027	16.036451345	1 Sqm	8.5	136.3098364325

Total: 145332.82349641

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.4915583522625	1 Cum	40.25	140.53522367857
					Total: 140.53522367857

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1240	Rs. 1240
2	Display Citizen Board @ Rs. 913.29	Rs. 913.29
		Total Addition Component Amount (in Rs.): 2153.29

Total Net Amount (in Rs.): 247999.99686895