

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Pottangi	Gram Panchayat	Deopattangi

Work Code	OD/363/3478/119901/430050/00043031 (Repair and maintenance of UP School Salapguda)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Pottangi	Proposal Date	16-07-2024
Date of Commencement	20-01-2026	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	PRASANNA GARADA		

Administrative Approval Details

Approval No.	OD/363/3478/119901/430050/00043031/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3478/119901/430050/00043031/TS
Fund Sanction No.	15384
Fund Sanction Amount (in Rs.)	100000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	84	112.89193548387	18576.742048379

2	<p>Concrete (AR0317) : First floor - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	Sqm	84	387.142745086	18576.742048379
3	<p>Dismantling (AR1613) : Fifth Floor - 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	28.8	64.036398139113	18576.742048379
4	<p>Other Building Items. (AR1902) : First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	68.07	80.8676902	18576.742048379

5	<p>Painting (AR0901d) : 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.</p>	Sqm	167.4675	71.84762054351	18576.742048379
6	<p>Painting (AR0920) : First Floor - 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	168	96.672410075	18576.742048379

7	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	Sqm	115.56	160.75408487694	18576.742048379
Total Amount (in Rs.): 96201.673440539					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	84	Sqm
i	Un-Skilled	0.24193548387097	20.322580645161	-

2	<p>Concrete (AR0317) : First floor - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	-	84	Sqm
i	Un-Skilled	0.414	34.776	-
ii	Highly-Skilled	0.115	9.66	-
3	<p>Dismantling (AR1613) : Fifth Floor - 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>	-	28.8	Sqm
i	Un-Skilled	0.1372345766129	3.9523558064516	-

4	<p>Other Building Items. (AR1902) : First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	68.07	Sqm
i	Un-Skilled	0.05871	3.9963897	-
ii	Skilled	0.0515	3.505605	-
5	<p>Painting (AR0901d) : 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.</p>	-	167.4675	Sqm
i	Highly-Skilled	0.053763440860215	9.0036290322581	-
ii	Un-Skilled	0.053763440860215	9.0036290322581	-

6	Painting (AR0920) : First Floor - 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)	-	168	Sqm
i	Highly-Skilled	0.05562	9.34416	-
ii	Un-Skilled	0.06592	11.07456	-
7	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	115.56	Sqm
i	Un-Skilled	0.11776344086022	13.608743225806	-
ii	Highly-Skilled	0.10776344086022	12.453143225806	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	96.734258409677	462	44691.227385271
1	Highly-Skilled	40.460932258065	612	24762.090541935

2	Skilled	3.505605	562	1970.15001
				Total: 71423.467937206

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1620) :.Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	84	Sqm
2	Concrete (AR0317) :.First floor - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)	-	84	Sqm
i)	BRM340 : Cement	0.1208	10.1472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.4196	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1.4196	1 Cum.

3	Dismantling (AR1613) :.Fifth Floor - 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.	-	28.8	Sqm
4	Other Building Items. (AR1902) :.First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	68.07	Sqm
i)	BRMMR0038 : Cement based putty	0.8	54.456	kg
5	Painting(AR0901d) :.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.	-	167.4675	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	14.06727	1 Ltr

6	Painting(AR0920) :.First Floor - 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)	-	168	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	21	1 Litre
7	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	115.56	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	14.445	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	10.437677419355	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	10.1472	1 Qntl.	584.177	5927.7608544
2	BRM028	1.4196	1 Cum	807.57	1146.426372
3	BRM064	1.4196	1 Cum.	1321.51	1876.015596
4	BRMMR0038	54.456	kg	30	1633.68
5	BRM253	24.504947419355	1 Ltr	159.45622	3907.4662867891
6	BRM140	21	1 Litre	249.76622	5245.09062
7	BRM255	14.445	1 Ltr	195.21622	2819.8982979
Total: 22556.338027089					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Dismantling (AR1620) :.Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	84	Sqm
2	Concrete (AR0317) :.First floor - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	84	Sqm
i)	BRM340 : Cement	0.1208	10.1472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.4196	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1.4196	1 Cum.
3	Dismantling (AR1613) :.Fifth Floor - 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.	-	28.8	Sqm

4	<p>Other Building Items. (AR1902) :.First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.co mplete. and as per the direction of Engineer in Charge.</p>	-	68.07	Sqm
5	<p>Painting(AR0901d) :.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.</p>	-	167.4675	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	14.06727	1 Ltr
6	<p>Painting(AR0920) :.First Floor - 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>	-	168	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	21	1 Litre

7	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	115.56	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	14.445	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	10.437677419355	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.4196	1 Cum	40.25	57.1389
2	BRM064	1.4196	1 Cum.	149.5	212.2302
Total: 269.3691					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1000	Rs. 1000
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 798	Rs. 798
Total Addition Component Amount (in Rs.): 3798		

Total Net Amount (in Rs.): 99999.673440539