

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Jamda	Gram Panchayat	Pasna

Work Code	OD/365/3495/120167/387599/00069222 (Repair & Maintenance of Banduduma Pry school)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamda	Proposal Date	-
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.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1658
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1613) : 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.	Sqm	444.98214425	50.174193548387	22326.620231176

2	<p>Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	53.6514825	77.77	4172.475794025
3	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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	53.6514825	363.841286576	19520.62441951

4	<p>Plastering (AR1027k) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside (Inside)(For repair and maintenance). - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge(For repair and maintenance).</p>	Sqm	14.3535135	196.012499214	2813.4680536369
5	<p>Painting (AR0901bk) : Priming one coat in inner surface with primer of approved quality over iron work(For repair and maintenance) . - Priming one coat in inner surface with primer of approved quality over iron work 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	52.02568	67.291845974284	3500.9040452674

6	<p style="text-align: center;">Painting (AR0901cik) : Priming one coat outer surface with primer of approved quality oil-bound primer over plastering surfaces (Outer surface)(For repair and maintenance) . - Priming one coat outer surface with primer of approved quality oil-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(For repair and maintenance).</p>	Sqm	155.90145333	70.169322440284	10939.499347622
7	<p style="text-align: center;">Painting (AR0901ck) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance). - Priming one coat with inner surface primer of approved quality oil-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(For repair and maintenance).</p>	Sqm	349.0830225	70.169322440284	24494.919164231

8	<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	349.0830225	96.039988475	33525.929457718
9	<p style="text-align: center;">Painting (AR0917gk) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	Sqm	142.34411854	128.12027070528	18237.167000649

10	<p align="center">Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</p> <p>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)(For repair and maintenance).</p>	Sqm	41.620544	167.01568850081	6951.2838119383
Total Amount (in Rs.): 146482.89132577					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Dismantling (AR1613) : 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.</p>	-	444.98214425	Sqm
i	Un-Skilled	0.10752688172043	47.847542392473	-

2	Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	53.6514825	Sqm
i	Un-Skilled	0.166666666666667	8.94191375	-
3	Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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)	-	53.6514825	Sqm
i	Un-Skilled	0.36	19.3145337	-
ii	Highly-Skilled	0.1	5.36514825	-

4	<p>Plastering (AR1027k) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside (Inside)(For repair and maintenance). - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge(For repair and maintenance).</p>	-	14.3535135	Sqm
i	Un-Skilled	0.1734	2.4888992409	-
ii	Skilled	0.1428	2.0496817278	-
5	<p>Painting (AR0901bk) : Priming one coat in inner surface with primer of approved quality over iron work(For repair and maintenance) . - Priming one coat in inner surface with primer of approved quality over iron work 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>	-	52.02568	Sqm
i	Highly-Skilled	0.054838709677419	2.8530211612903	-
ii	Un-Skilled	0.054838709677419	2.8530211612903	-

6	Painting (AR0901cik) : Priming one coat outer surface with primer of approved quality oil-bound primer over plastering surfaces (Outer surface)(For repair and maintenance) . - Priming one coat outer surface with primer of approved quality oil-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(For repair and maintenance).	-	155.90145333	Sqm
i	Highly-Skilled	0.054838709677419	8.5494345374516	-
ii	Un-Skilled	0.054838709677419	8.5494345374516	-
7	Painting (AR0901ck) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance). - Priming one coat with inner surface primer of approved quality oil-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(For repair and maintenance).	-	349.0830225	Sqm
i	Highly-Skilled	0.054838709677419	19.143262524194	-

	ii	Un-Skilled	0.054838709677419	19.143262524194	-
8		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)	-	349.0830225	Sqm
	i	Highly-Skilled	0.05508	19.2274928793	-
	ii	Un-Skilled	0.06528	22.7881397088	-

9	<p>Painting (AR0917gk) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	142.34411854	Sqm
i	Highly-Skilled	0.091558709677419	13.032843823692	-
ii	Un-Skilled	0.098698709677419	14.049180830068	-
10	<p>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - 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)(For repair and maintenance).</p>	-	41.620544	Sqm
i	Highly-Skilled	0.13709677419355	5.7060423225806	-

ii	Un-Skilled	0.12064516129032	5.021317243871	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	150.99724508905	462	69760.72723114
2	Highly-Skilled	73.877245498508	612	45212.874245087
3	Skilled	2.0496817278	562	1151.9211310236
Total:				116125.52260725

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1613) :.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.	-	444.98214425	Sqm
2	Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	53.6514825	Sqm

3	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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)	-	53.6514825	Sqm
i)	BRM340 : Cement	0.1208	6.481099086	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.90671005425	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	0.90671005425	1 Cum.
4	Plastering (AR1027k) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside (Inside)(For repair and maintenance). - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge(For repair and maintenance).	-	14.3535135	Sqm
i)	BRM340 : Cement	0.0372	0.5339507022	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.10765135125	1 Cum

5	<p>Painting(AR0901bk) :.Priming one coat in inner surface with primer of approved quality over iron work(For repair and maintenance) . - Priming one coat in inner surface with primer of approved quality over iron work 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>	-	52.02568	Sqm
i)	BRM137 : Red oxide Primer	0.054	2.80938672	1 Litre
6	<p>Painting(AR0901cik) :.Priming one coat outer surface with primer of approved quality oil-bound primer over plastering surfaces (Outer surface)(For repair and maintenance) . - Priming one coat outer surface with primer of approved quality oil-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(For repair and maintenance).</p>	-	155.90145333	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	13.09572207972	1 Ltr

7	<p>Painting(AR0901ck) :.Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces(For repair and maintenance). - Priming one coat with inner surface primer of approved quality oil-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(For repair and maintenance).</p>	-	349.0830225	Sqm
i)	<p>BRM252 : Wall cement primer (I.S.I.) Oil bound</p>	0.084	29.32297389	1 Ltr
8	<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>	-	349.0830225	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	43.6353778125	1 Litre

9	<p>Painting(AR0917gk) :.Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-		142.34411854	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075		10.6758088905	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084		11.95690595736	1 Ltr
10	<p>Painting(AR0903ik) :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - 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)(For repair and maintenance).</p>	-		41.620544	Sqm
i)	BRM141 : Enamel paint	0.125		5.202568	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	7.0150497882	1 Qntl.	650.622	4564.1457232983
2	BRM028	1.0143614055	1 Cum	538.16	545.88873398388
3	BRM064	0.90671005425	1 Cum.	1256.41	1139.1995792602
4	BRM137	2.80938672	1 Litre	143.12622	402.0969017518

5	BRM252	54.37560192708	1 Ltr	125.92622	6847.3140109019
6	BRM140	43.6353778125	1 Litre	249.76622	10898.6433745
7	BRM255	10.6758088905	1 Ltr	195.21622	2084.0910570458
8	BRM141	5.202568	1 Litre	205.76622	1070.512751653
Total: 27551.892132395					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.0143614055	1 Cum	186.25	188.92481177437
2	BRM064	0.90671005425	1 Cum.	439.5	398.49906884287
Total: 587.42388061725					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 2017.1	Rs. 2017.1
Total Addition Component Amount (in Rs.): 3517.1		

Total Net Amount (in Rs.): 149999.99132577