

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Chandahandi	Gram Panchayat	Phatki

Work Code	OD/366/3513/120431/427475/00066945 (Repair of Pry School at Dhadiapada village)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Chandahandi	Proposal Date	10-06-2025
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
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.	4648
Fund Sanction Amount (in Rs.)	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;">Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in- charge. (Old Work)</p>	Sqm	125.35	729.389250144	91428.94250555
2	<p style="text-align: center;">Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner 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	248.82	70.08994432871	17439.77994787

3	<p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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	248.82	78.8505283	19619.588451606
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	10.36	1003.808892001	10399.46012113

5	<p style="text-align: center;">Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - 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	129.18	70.08994432871	9054.2190083828
6	<p style="text-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	129.18	156.86604451751	20263.955630772

7	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	1.26	15767.434633087	19866.96763769
Total Amount (in Rs.): 188072.913303					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)</p>	-	125.35	Sqm
i	Un-Skilled	1.008	126.3528	-
ii	Highly-Skilled	0.165	20.68275	-

2	<p>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner 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>	-	248.82	Sqm
i	Highly-Skilled	0.053763440860215	13.377419354839	-
ii	Un-Skilled	0.053763440860215	13.377419354839	-
3	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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>	-	248.82	Sqm
i	Highly-Skilled	0.052	12.93864	-
ii	Un-Skilled	0.062	15.42684	-

4	<p>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>	-	10.36	Sqm
i	Un-Skilled	0.216	2.23776	-
ii	Highly-Skilled	0.216	2.23776	-
5	<p>Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - 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>	-	129.18	Sqm
i	Highly-Skilled	0.053763440860215	6.9451612903226	-
ii	Un-Skilled	0.053763440860215	6.9451612903226	-

6	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)	-	129.18	Sqm
	i Un-Skilled	0.11776344086022	15.212681290323	-
	ii Highly-Skilled	0.10776344086022	13.920881290323	-
7	Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.26	Qntl
	i Un-Skilled	6.3976377952756	8.0610236220472	-
	ii Semi-Skilled	1.9685039370079	2.4803149606299	-
	iii Skilled	3.9370078740157	4.9606299212598	-
	iv Highly-Skilled	3.4448818897638	4.3405511811024	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	187.61368555753	462	86677.522727579
2	Highly-Skilled	74.443163116586	612	45559.215827351
3	Semi-Skilled	2.4803149606299	512	1269.9212598425
4	Skilled	4.9606299212598	562	2787.874015748
Total:				136294.53383052

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Concrete (AR0318) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)	-	125.35	Sqm
i)	BRM340 : Cement	0.1287	16.132545	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.2563	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.	0.018	2.2563	1 Cum.

iv)	BRM056 : 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) (Crusher broken)	0.018	2.2563	1 Cum.
2	Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner 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.	-	248.82	Sqm
i)	BRM138 : Wood Primer	0.075	18.6615	1 Litre
3	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	248.82	Sqm
i)	BRM142 : Distemper	0.25	62.205	1 Kg.

4	<p>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>	-	10.36	Sqm
i)	BRM174 : White Cement.	0.0076	0.078736	1Qntl
ii)	BRM340 : Cement	0.1074	1.112664	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.21756	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	10.36	1 Sqm.
5	<p>Painting(AR0901ai) :.Priming one coat in outer surface with primer of approved quality over woodwork - 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>	-	129.18	Sqm
i)	BRM138 : Wood Primer	0.075	9.6885	1 Litre

6	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)	-	129.18	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	16.1475	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	10.85112	1 Ltr
7	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.26	Qntl
i)	BRM341 : Steel	1	1.26	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	17.245209	1 Qntl.	591.732	10204.542011988
2	BRM028	2.47386	1 Cum	417.24	1032.1933464
3	BRM064	2.2563	1 Cum.	1191.31	2687.952753
4	BRM056	2.2563	1 Cum.	1737.73	3920.840199
5	BRM138	28.35	1 Litre	155.38732	4405.230522
6	BRM142	62.205	1 Kg.	70.40732	4379.6873406
7	BRM174	0.078736	1Qntl	2047.912	161.244399232
8	BRM131	10.36	1 Sqm.	662.3175001	6861.609301036
9	BRM255	16.1475	1 Ltr	195.09732	3150.3339747
10	BRM252	10.85112	1 Ltr	125.80732	1365.1503261984
11	BRM341	1.26	1 Qntl.	6213.902	7829.51652
Total: 45998.300694154					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.47386	1 Cum	40.25	99.572865
2	BRM064	2.2563	1 Cum.	149.5	337.31685
3	BRM056	2.2563	1 Cum.	149.5	337.31685
					Total: 774.206565

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 9000	Rs. 9000
2	Provision for EI Work @ Rs. 1000	Rs. 1000
3	Display Citizen Board @ Rs. 1500	Rs. 1500
4	Any Other Lumpsum @ Rs. 427	Rs. 427
		Total Addition Component Amount (in Rs.): 11927

Total Net Amount (in Rs.): 199999.913303