

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Panchayat	Dimbo

Work Code	OD/361/3452/119452/386099/00015514 (Repair and Renovation of Podadiha Primary School)						
Project Category	Building						

Financial Year	2024-25	Execution Level	Dimbo, G.P				
Executing Agency	Panchayat Samiti, Kendujhar Sadar	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	Subhashree Behera						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29518
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	143.64	88.61935483871	12729.284129032
2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - 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	79.6099	98.176344086021	7815.8089350537

3	<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>	Sqm	45.264	49.088172043011	2221.9270193549
4	<p>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	1.284	16395.906814976	21052.344350429

5	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	45.264	247.527192078	11204.070822219
6	<p>Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	Sqm	142.115	533.91402605451	75877.191812737

7	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>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	91.3249	1138.0860076738	103935.59084221
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8	<p style="text-align: center;">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)</p>	Sqm	151.743	158.46333443487	24045.70175715
9	<p style="text-align: center;">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	12.84	67.5817760758	867.75000481327

10	<p align="center">Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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	185.139	52.2554525382	9674.5222274698
11	<p 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	12.84	166.35693873938	2136.0230934136
Total Amount (in Rs.): 271560.21499388					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	143.64	88.61935483871	Sqm
i	Un-Skilled	0.16129032258065	23.167741935484	-
ii	Skilled	0.026881720430108	3.8612903225806	-
2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - 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>	79.6099	98.176344086021	Sqm
i	Un-Skilled	0.21505376344086	17.120408602151	-

3	<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>	45.264	49.088172043011	Sqm
i	Un-Skilled	0.10752688172043	4.8670967741935	-
4	<p>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>	1.284	16395.906814976	Qntl
i	Un-Skilled	6.3976377952756	8.2145669291339	-
ii	Semi-Skilled	1.9685039370079	2.5275590551181	-
iii	Skilled	3.9370078740157	5.0551181102362	-
iv	Highly-Skilled	3.4448818897638	4.4232283464567	-

5	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</p> <p>- 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	45.264	247.527192078	Sqm
i	Un-Skilled	0.24	10.86336	-
ii	Skilled	0.16	7.24224	-
6	<p>Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</p> <p>Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	142.115	533.91402605451	Sqm
i	Un-Skilled	0.21505376344086	30.562365591398	-

	ii	Highly-Skilled	0.16129032258065	22.921774193548	-
7		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)	91.3249	1138.0860076738	Sqm
	i	Un-Skilled	0.216	19.7261784	-
	ii	Highly-Skilled	0.216	19.7261784	-

8	<p>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)</p>	151.743	158.46333443487	Sqm
i	Un-Skilled	0.11776344086022	17.869777806452	-
ii	Highly-Skilled	0.10776344086022	16.352347806452	-
9	<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>	12.84	67.5817760758	Sqm
i	Highly-Skilled	0.054838709677419	0.70412903225806	-

	ii	Un-Skilled	0.054838709677419	0.70412903225806	-
10		Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	185.139	52.2554525382	Sqm
	i	Un-Skilled	0.04	7.40556	-
	ii	Highly-Skilled	0.033	6.109587	-
11		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)	12.84	166.35693873938	Sqm
	i	Highly-Skilled	0.13440860215054	1.7258064516129	-

ii	Un-Skilled	0.11827956989247	1.5187096774194	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	142.01989474849	452	64192.992426317
4	Skilled	16.158648432817	552	8919.5739349149
3	Semi-Skilled	2.5275590551181	502	1268.8346456693
5	Highly-Skilled	71.963051230328	602	43321.756840657
Total: 117703.15784756				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1616) :.Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	143.64	Sqm

2	<p>Dismantling (AR1612) :.Dismantling and removing 2.5 cm. thick artificial stone flooring - 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>	-	79.6099	Sqm
3	<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>	-	45.264	Sqm
4	<p>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>	-	1.284	Qntl
i)	BRM341 : Steel	1	1.284	1 Qntl.

5	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer- in-charge.	-	45.264	Sqm
i)	BRM340 : Cement	0.043	1.946352	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.814752	1 Cum
6	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	142.115	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	142.115	1 Sqm.

7	<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>	-	91.3249	Sqm
i)	BRM174 : White Cement.	0.0076	0.69406924	1Qntl
ii)	BRM340 : Cement	0.1074	9.80829426	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.9178229	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	91.3249	1 Sqm.

8	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)	-	151.743	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	18.967875	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	13.705819354839	1 Ltr
9	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).	-	12.84	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.69336	1 Litre

10	Painting(AR0921) :.Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	-		185.139	Sqm
i)	BRM142 : Distemper	0.166		30.733074	1 Kg.
11	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)	-		12.84	Sqm
i)	BRM141 : Enamel paint	0.125		1.605	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM341	1.284	1 Qntl.	6875.597	8828.266548
2	BRM340	11.75464626	1 Qntl.	578.347	6798.2644005322
3	BRM028	2.7325749	1 Cum	887.85	2426.116624965
4	BRM150	142.115	1 Sqm.	334.3266733	47512.835176029
5	BRM174	0.69406924	1Qntl	2053.857	1425.5189670587
6	BRM131	91.3249	1 Sqm.	663.9538891	60635.522526669
7	BRM255	18.967875	1 Ltr	195.15677	3701.7092187637
8	BRM253	13.705819354839	1 Ltr	159.39677	2184.6633353648
9	BRM137	0.69336	1 Litre	143.06677	99.1967756472
10	BRM142	30.733074	1 Kg.	70.46677	2165.660456951

11	BRM141	1.605	1 Litre	205.70677	330.15936585
Total: 136107.91339583					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.7325749	1 Cum	50.25	137.311888725
Total: 137.311888725					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 22724	Rs. 22724
2	Provision for Contingency @ 1%	Rs. 2715.6021499388
3	Display Citizen Board @ Rs. 3000	Rs. 3000
Total Addition Component Amount (in Rs.):		28439.602149939

Total Net Amount (in Rs.): 299999.81714382