

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Joda	Gram Panchayat	Bhadrasahi

Work Code	OD/361/3451/119438/385256/00047776 (MAINTENANCE OF BHADRASAHİ PRIMARY SCHOOL)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Joda	Proposal Date	03-06-2023
Date of Commencement	11-08-2025	Date of Completion	11-08-2025
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	ARCHANA JENA		

Administrative Approval Details

Approval No.	OD/361/3451/119438/385256/00047776/AS
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Technical Sanction Details

Technical Sanction No.	OD/361/3451/119438/385256/00047776/TS
Fund Sanction No.	11944
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>Painting (AR0919b) : Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)</p>	Sqm	151.06125	132.58504255751	66804.506605955
2	<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>	Sqm	151.38625	160.72822700355	66804.506605955

3	<p>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	32.72625	164.23523221452	66804.506605955
4	<p>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.</p>	Sqm	83.5	112.89193548387	66804.506605955
5	<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	60.325	100.34838709677	66804.506605955

6	<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>	Sqm	60.025	1035.7958454706	66804.506605955
7	<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 specificaion and direction of Engineer-in charge. (Old Work)</p>	Sqm	83.5	800.0539713288	66804.506605955
Total Amount (in Rs.): 194193.45437836					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Painting (AR0919b) : Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)</p>	-	151.06125	Sqm
	i Un-Skilled	0.096763440860215	14.617206330645	-
	ii Highly-Skilled	0.089763440860215	13.559777580645	-
2	<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>	-	151.38625	Sqm
	i Un-Skilled	0.11776344086022	17.827765698925	-
	ii Highly-Skilled	0.10776344086022	16.313903198925	-

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)	-	32.72625	Sqm
	i Highly-Skilled	0.13440860215054	4.398689516129	-
	ii Un-Skilled	0.11827956989247	3.8708467741935	-
4	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.	-	83.5	Sqm
	i Un-Skilled	0.24193548387097	20.201612903226	-
5	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.	-	60.325	Sqm

	i	Un-Skilled	0.21505376344086	12.97311827957	-
6		<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>	-	60.025	Sqm
	i	Un-Skilled	0.216	12.9654	-
	ii	Highly-Skilled	0.216	12.9654	-
7		<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>	-	83.5	Sqm

i	Un-Skilled	1.008	84.168	-
ii	Highly-Skilled	0.165	13.7775	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	166.62394998656	462	76980.26489379
1	Highly-Skilled	61.015270295699	612	37341.345420968
Total: 114321.61031476				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0919b) :.Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)	-	151.06125	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	11.32959375	1 Litre
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	12.689145	1 Ltr

2	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)	-	151.38625	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	18.92328125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	13.673596774194	1 Ltr
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)	-	32.72625	Sqm
i)	BRM141 : Enamel paint	0.125	4.09078125	1 Litre
4	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.	-	83.5	Sqm

5	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.	-	60.325	Sqm
6	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)	-	60.025	Sqm
i)	BRM174 : White Cement.	0.0076	0.45619	1Qntl
ii)	BRM340 : Cement	0.1074	6.446685	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.260525	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	60.025	1 Sqm.

7	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)	-	83.5	Sqm
i)	BRM340 : Cement	0.1287	10.74645	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.503	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	1.503	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	1.503	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM140	11.32959375	1 Litre	243.30732	2756.5730920012
2	BRM253	26.362741774194	1 Ltr	159.33732	4200.568622152
3	BRM255	18.92328125	1 Ltr	195.09732	3691.8814574812
4	BRM141	4.09078125	1 Litre	205.64732	841.25820076875
5	BRM174	0.45619	1Qntl	2047.912	934.23697528
6	BRM340	17.193135	1 Qntl.	572.412	9841.55679162
7	BRM028	2.763525	1 Cum	1754.91	4849.73765775
8	BRM131	60.025	1 Sqm.	662.3175001	39755.607943503
9	BRM064	1.503	1 Cum.	2218.11	3333.81933

10	BRM056	1.503	1 Cum.	2737.91	4115.07873
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Total: 74320.318800556

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0919b) :.Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)	-	151.06125	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	11.32959375	1 Litre
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	12.689145	1 Ltr
2	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)	-	151.38625	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	18.92328125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	13.673596774194	1 Ltr

3	<p>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>	-	32.72625	Sqm
i)	BRM141 : Enamel paint	0.125	4.09078125	1 Litre
4	<p>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.</p>	-	83.5	Sqm
5	<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>	-	60.325	Sqm

6	<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>	-	60.025	Sqm
i)	BRM174 : White Cement.	0.0076	0.45619	1Qntl
ii)	BRM340 : Cement	0.1074	6.446685	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.260525	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	60.025	1 Sqm.
7	<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>	-	83.5	Sqm
i)	BRM340 : Cement	0.1287	10.74645	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.503	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	1.503	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	1.503	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.763525	1 Cum	50.25	138.86713125
2	BRM064	1.503	1 Cum.	293.5	441.1305
3	BRM056	1.503	1 Cum.	293.5	441.1305
Total: 1021.12813125					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 1806	Rs. 1806
Total Addition Component Amount (in Rs.): 5806		

Total Net Amount (in Rs.): 199999.45437836