

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Jhumpura	Gram Panchayat	Balibandha

Work Code	OD/361/3450/119416/385521/00070931 (TOILET REPAIRING, ACR GRADING, FLOORING & COLORING AT GOVT.UPS RAJABASA)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Jhumpura	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	Scheme Component Name	Self/Personal Deposit
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.	
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	Cum	2.46780912	1401.5088339223	3458.656282114

2	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	4.030330144	5524.688342176	22266.317961677
3	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (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	43.014089	178.7198753564	7687.4726246491

4	<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	126.626789	160.74115594024	20354.136436861
5	<p style="text-align: center;">Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	2.2	14019.214798252	30842.272556154

6	<p style="text-align: center;">Roofing (AR1132i) :</p> <p>Supplying, fitting & 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>	Sqm	15.328995	537.71510132332	8242.6320996097
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7	<p style="text-align: center;">Flooring (AR0816k) : Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor (For repair and maintenance) . - Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in- charge(For repair and maintenance) .</p>	Sqm	9.8941695	1209.9055100356	11971.010195276
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8	<p style="text-align: center;">Flooring (AR0817bk) : Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles, including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge(For repair and maintenance) .</p>	Sqm	14.6322225	897.252469416	13128.797771169
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Total Amount (in Rs.): 117951.29592751

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	-	2.46780912	Cum
i	Un-Skilled	3.0035335689046	7.4121475335689	-
2	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	4.030330144	Cum
i	Un-Skilled	2.96	11.92977722624	-
ii	Skilled	1.05	4.2318466512	-
iii	Highly-Skilled	0.35	1.4106155504	-

3	Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	43.014089	Sqm
i	Un-Skilled	0.12	5.16169068	-
ii	Skilled	0.14	6.02197246	-
4	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)	-	126.626789	Sqm
i	Un-Skilled	0.11776344086022	14.91200637772	-
ii	Highly-Skilled	0.10776344086022	13.64573848772	-

5	Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in- Charge.	-	2.2	Qntl
i	Un-Skilled	4.9212598425197	10.826771653543	-
ii	Semi-Skilled	1.9685039370079	4.3307086614173	-
iii	Skilled	4.4291338582677	9.744094488189	-
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	-	15.328995	Sqm
i	Un-Skilled	0.21505376344086	3.2965580645161	-
ii	Highly-Skilled	0.16129032258065	2.4724185483871	-

7	<p>Flooring (AR0816k) : Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor (For repair and maintenance) . - Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge(For repair and maintenance) .</p>	-	9.8941695	Sqm
i	Un-Skilled	0.216	2.137140612	-
ii	Highly-Skilled	0.216	2.137140612	-
iii	Semi-Skilled	0.55	5.441793225	-

8	Flooring (AR0817bk) : Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles, including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge(For repair and maintenance) .	-	14.6322225	Sqm
i	Un-Skilled	0.325	4.7554723125	-
ii	Highly-Skilled	0.325	4.7554723125	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	60.431564460089	462	27919.382780561
2	Skilled	19.997913599389	562	11238.827442857
3	Highly-Skilled	24.421385511008	612	14945.887932737
4	Semi-Skilled	9.7725018864173	512	5003.5209658457

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	2.46780912	Cum
2	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	4.030330144	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	4.030330144	1 Cum
ii)	BRM340 : Cement	0.672	2.708381856768	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.12849244032	1 Cum

iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	1410.6155504	1000 Nos
3	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (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.	-	43.014089	Sqm
i)	BRM340 : Cement	0.0358	1.5399043862	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.645211335	1 Cum
4	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)	-	126.626789	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.828348625	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	11.43725836129	1 Ltr

5	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	2.2	Qntl
i)	BRM341 : Steel	1	2.2	1 Qntl.
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	-	15.328995	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	15.328995	1 Sqm.

7	<p>Flooring (AR0816k) :.Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor (For repair and maintenance) . - Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .</p>	-	9.8941695	Sqm
i)	BRMMR0027 : Wax Polish	1	9.8941695	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	9.8941695	1 Sqm.
iii)	BRM340 : Cement	0.2737	2.70803419215	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1286242035	1 Cum

8	<p>Flooring (AR0817bk) :.Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3)(For repair and maintenance) - Fixing Ceramic Tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles, including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .</p>	-	14.6322225	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	14.6322225	1 Sqm.
ii)	BRM340 : Cement	0.1375	2.01193059375	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2194833375	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	4.030330144	1 Cum	33	133.000894752
2	BRM340	8.968251028868	1 Qntl.	590.837	5298.7745331433
3	BRM028	2.12181131632	1 Cum	1156.91	2454.7447299638
4	BRM005	1410.6155504	1000 Nos	7.0374	9927.065874385
5	BRM255	15.828348625	1 Ltr	195.15677	3089.0093920889
6	BRM253	11.43725836129	1 Ltr	159.39677	1823.0620404452
7	BRM341	2.2	1 Qntl.	6878.257	15132.1654

8	BRM150	15.328995	1 Sqm.	334.3266733	5124.8919033823
9	BRMMR0027	9.8941695	1 Sqm	8.5	84.10044075
10	BRM130	9.8941695	1 Sqm.	471.1358341	4661.4978001093
11	BRM129	14.6322225	1 Sqm.	426.2558341	6237.0702064743
Total: 53965.383215494					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.12181131632	1 Cum	50.25	106.62101864508
Total: 106.62101864508					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1179.5129592751
2	Display Citizen Board @ Rs. 2869.19	Rs. 2869.19
3	Any Other Lumpsum @ Rs. 28000	Rs. 28000
Total Addition Component Amount (in Rs.): 32048.702959275		

Total Net Amount (in Rs.): 149999.99888679