

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Kendujhar Sadar	<b>Gram Panchayat</b>	Maidankel

<b>Work Code</b>	OD/361/3452/119460/386089/00069085 (Repair & Maintenance of Pragati Higher Secondary School, Maidankel)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kendujhar Sadar	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Asset Management School and Mass Education Department	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Secondary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	248000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. -</b>  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>	Cum	0.3302163632	1401.5088339223	462.80115013049
2	<p><b>Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing -</b>  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	57.48373125	90.519892473118	5203.4211717036

3	<p style="text-align: center;"><b>Masonry Brick Work (AR0603bi) :</b> <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	1.1289780168064	5255.467832576	5933.3076510115
4	<p style="text-align: center;"><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</b> - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in- Charge.</p>	Qntl	2.98108	14025.219248252	41810.300596579

5	<p style="text-align: center;"><b>Roofing (AR1132a) :</b></p> <p><b>Labour for fixing G.C.I. Sheet in roof</b> - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.</p>	Sqm	64.39292736	191.9	12357.002760384
6	<p style="text-align: center;"><b>Roofing (AR1132) :</b></p> <p><b>Supplying, feeting &amp; fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting &amp; fixing of G.C.I. Sheet (0.30mm 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	64.39292736	521.83941501032	33602.767544344

7	<p><b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	15.97188376	175.4503346664	2802.2723509448
8	<p><b>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)</b></p>	Sqm	706.93635297355	160.75408487694	113642.9064885

9	<p style="text-align: center;"><b>Painting (AR0903ak) :</b>  <b>Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . -</b>  Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in- charge.(Inside)(For repair and maintenance)</p>	Sqm	53.65	238.28102660129	12783.777077159
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10	<p style="text-align: center;"><b>Flooring (AR0816k) :</b>  <b>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) . -</b>  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	2.78709	1201.9180164406	3349.8536844414
<b>Total Amount (in Rs.): 231948.4104752</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<p><b>Dismantling (AR1603) :</b>  <b>Dismantling brick or stone masonry under 3m.</b> - 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>	-	0.3302163632	Cum
i	Un-Skilled	3.0035335689046	0.99181593187279	-
2	<p><b>Dismantling (AR1616) :</b>  <b>Dismantling G.C.I. or A.C. sheet roofing -</b> 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>	-	57.48373125	Sqm
i	Un-Skilled	0.16129032258065	9.2715695564516	-
ii	Skilled	0.026881720430108	1.5452615927419	-

3	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  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<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	1.1289780168064	Cum
	i Un-Skilled	2.96	3.3417749297469	-
	ii Skilled	1.05	1.1854269176467	-
	iii Highly-Skilled	0.35	0.39514230588224	-
4	<p><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks -</b>  Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	2.98108	Qntl
	i Un-Skilled	4.9212598425197	14.670669291339	-
	ii Semi-Skilled	1.9685039370079	5.8682677165354	-

	iii	Skilled	4.4291338582677	13.203602362205	-
5		<b>Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof -</b> Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	64.39292736	Sqm
	i	Un-Skilled	0.21505376344086	13.847941367742	-
	ii	Skilled	0.16129032258065	10.385956025806	-
6		<b>Roofing (AR1132) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	-	64.39292736	Sqm
	i	Un-Skilled	0.21505376344086	13.847941367742	-
	ii	Highly-Skilled	0.16129032258065	10.385956025806	-

7	<p><b>Plastering (AR1004) :</b>  <b>12mm thick cement plaster (1:6) over Brick work in inside</b> - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	15.97188376	Sqm
i	Un-Skilled	0.12	1.9166260512	-
ii	Skilled	0.14	2.2360637264	-
8	<p><b>Painting (AR0918cb) :</b>  <b>Finishing wall two coats with weather coat with one coat waterbound Primer</b> - 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>	-	706.93635297355	Sqm
i	Un-Skilled	0.11776344086022	83.251257395337	-
ii	Highly-Skilled	0.10776344086022	76.181893865601	-

9	<b>Painting (AR0903ak) :</b> <b>Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . -</b> Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)	-	53.65	Sqm
i	Highly-Skilled	0.19193548387097	10.297338709677	-
ii	Un-Skilled	0.17548387096774	9.4147096774194	-

10	<p><b>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) . -</b> 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>	-	2.78709	Sqm
	i Un-Skilled	0.216	0.60201144	-
	ii Highly-Skilled	0.216	0.60201144	-
	iii Semi-Skilled	0.55	1.5328995	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	151.15631700885	462	69834.218458089
2	Skilled	28.5563106248	562	16048.646571138
3	Highly-Skilled	97.862342346967	612	59891.753516344

4	Semi-Skilled	7.4011672165354	512	3789.3976148661
				<b>Total: 149564.01616044</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1603)</b> :.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.	-	<b>0.3302163632</b>	Cum
2	<b>Dismantling (AR1616)</b> :.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.	-	<b>57.48373125</b>	Sqm
3	<b>Masonry Brick Work (AR0603bi)</b> :.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.	-	<b>1.1289780168064</b>	Cum

i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	1.1289780168064	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	0.7586732272939	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	0.31611384470579	1 Cum
iv)	<b>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 <math>\pm</math> 2 %</b>	350	395.14230588224	1000 Nos
4	<b>Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks -</b> 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.	-	<b>2.98108</b>	Qntl
i)	<b>BRM341 : Steel</b>	1	2.98108	1 Qntl.
5	<b>Roofing (AR1132a) :.Labour for fixing G.C.I. Sheet in roof -</b> Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	<b>64.39292736</b>	Sqm
6	<b>Roofing (AR1132) :.Supplying, feeting &amp; fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	-	<b>64.39292736</b>	Sqm

i)	<b>BRM149</b> : G.C.I. Sheet 0.30mm thick	1	64.39292736	1 Sqm
7	<b>Plastering (AR1004)</b> :.12mm thick cement <b>plster (1:6) over Brick work in inside</b> - 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.	-	<b>15.97188376</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.571793438608	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.2395782564	1 Cum
8	<b>Painting(AR0918cb)</b> :.Finishing wall two <b>coats with weather coat with one coat waterbound Primer</b> - 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)	-	<b>706.93635297355</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	88.367044121694	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	63.85231575245	1 Ltr

9	<p><b>Painting(AR0903ak)</b>  <b>:.Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . -</b>  Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	53.65	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	6.70625	1 Litre
ii)	<b>BRM138</b> : Wood Primer	0.075	4.02375	1 Litre
10	<p><b>Flooring (AR0816k)</b>  <b>:.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) . -</b>  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>	-	2.78709	Sqm

i)	<b>BRMMR0027</b> : Wax Polish	1	2.78709	1 Sqm
ii)	<b>BRM130</b> : 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	2.78709	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.2737	0.762826533	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.03623217	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMMR0025</b>	1.1289780168064	1 Cum	33	37.256274554611
2	<b>BRM340</b>	2.0932931989019	1 Qntl.	596.782	1249.2397018271
3	<b>BRM028</b>	0.59192427110579	1 Cum	926.91	548.66052613067
4	<b>BRM005</b>	395.14230588224	1000 Nos	6.4484	2548.035645251
5	<b>BRM341</b>	2.98108	1 Qntl.	6884.202	20522.35689816
6	<b>BRM149</b>	64.39292736	1 Sqm	318.608172	20516.112875898
7	<b>BRM255</b>	88.367044121694	1 Ltr	195.21622	17250.68032601
8	<b>BRM253</b>	63.85231575245	1 Ltr	159.45622	10181.648908132
9	<b>BRM141</b>	6.70625	1 Litre	205.76622	1379.919712875
10	<b>BRM138</b>	4.02375	1 Litre	155.50622	625.718152725
11	<b>BRMMR0027</b>	2.78709	1 Sqm	8.5	23.690265
12	<b>BRM130</b>	2.78709	1 Sqm.	464.5902781	1294.8549181897
<b>Total: 76178.174204754</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	0.59192427110579	1 Cum	50.25	29.744194623066
<b>Total: 29.744194623066</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 10771.5	Rs. 10771.5
2	Provision for EI Work @ Rs. 2000	Rs. 2000

3	Provision for Contingency @ Rs. 2480	Rs. 2480
4	Display Citizen Board @ Rs. 800	Rs. 800
<b>Total Addition Component Amount (in Rs.): 16051.5</b>		

**Total Net Amount (in Rs.): 247999.9104752**