

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Joda	<b>Gram Panchayat</b>	Anseikala

<b>Work Code</b>	OD/361/3451/119434/385311/00065583 (REPAIR AND MAINTENANCE OF MAA SANTOSHI HIGH SCHOOL ANSEIKALA)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Joda	<b>Proposal Date</b>	10-09-2024
<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>	5380
<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 (AR1620) :</b>  <b>Dismantling and removing 2.5 cm thick grading concrete from roof</b> - 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	51.506	112.89193548387	5814.6120290322
2	<p><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>  - 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&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	Sqm	103.012	794.2223932722	81814.437175756

3	<p style="text-align: center;"><b>Painting (AR0901a) :</b>  <b>Priming one coat in inner surface with primer of approved quality over woodwork -</b>  Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	521.7388	70.10345434121	36575.692143838
4	<p style="text-align: center;"><b>Painting (AR0918ca) :</b>  <b>Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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	591.47	156.90369241901	92803.826955072

5	<p style="text-align: center;"><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b>  Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	1.1886	16570.141021087	19695.269617664
<b>Total Amount (in Rs.): 236703.83792136</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof -</b> 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>	-	51.506	Sqm
i	Un-Skilled	0.24193548387097	12.461129032258	-

2	<p><b>Concrete (AR0318) :</b>  <b>4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) -</b> 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&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	103.012	Sqm
i	Un-Skilled	1.008	103.836096	-
ii	Highly-Skilled	0.165	16.99698	-
3	<p><b>Painting (AR0901a) :</b>  <b>Priming one coat in inner surface with primer of approved quality over</b>  <b>woodwork -</b> Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	521.7388	Sqm
i	Highly-Skilled	0.053763440860215	28.05047311828	-
ii	Un-Skilled	0.053763440860215	28.05047311828	-

4	<b>Painting (AR0918ca) :</b> <b>Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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)	-	591.47	Sqm
i	Un-Skilled	0.11776344086022	69.653542365591	-
ii	Highly-Skilled	0.10776344086022	63.738842365591	-
5	<b>Iron Work (AR1704) :</b> <b>Iron Doors and windows fixing -</b> 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.	-	1.1886	Qntl
i	Un-Skilled	6.3976377952756	7.6042322834646	-
ii	Semi-Skilled	1.9685039370079	2.3397637795276	-
iii	Skilled	3.9370078740157	4.6795275590551	-
iv	Highly-Skilled	3.4448818897638	4.0945866141732	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	221.60547279959	462	102381.72843341
2	Highly-Skilled	112.88088209804	612	69083.099844003
3	Semi-Skilled	2.3397637795276	512	1197.9590551181
4	Skilled	4.6795275590551	562	2629.894488189
<b>Total:</b>				<b>175292.68182072</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1620)</b> :.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.	-	<b>51.506</b>	Sqm
2	<b>Concrete (AR0318)</b> :.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)	-	<b>103.012</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.1287	13.2576444	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.854216	1 Cum
iii)	<b>BRM064</b> : 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	1.854216	1 Cum.
iv)	<b>BRM056</b> : 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	1.854216	1 Cum.
3	<b>Painting(AR0901a)</b> :.Priming one coat in inner surface with primer of approved quality over <b>woodwork</b> - 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.	-	<b>521.7388</b>	Sqm
i)	<b>BRM138</b> : Wood Primer	0.075	39.13041	1 Litre
4	<b>Painting(AR0918ca)</b> :.Finishing wall two coats with weather coat with one coat <b>oilbound Primer</b> - 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)	-	<b>591.47</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	73.93375	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	49.68348	1 Ltr

5	<b>Iron Work(AR1704)</b> :.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.	-	1.1886	Qntl
i)	<b>BRM341 : Steel</b>	1	1.1886	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	13.2576444	1 Qntl.	616.087	8167.8623654628
2	<b>BRM028</b>	1.854216	1 Cum	1662.91	3083.39432856
3	<b>BRM064</b>	1.854216	1 Cum.	2126.11	3942.26717976
4	<b>BRM056</b>	1.854216	1 Cum.	2645.91	4906.08865656
5	<b>BRM138</b>	39.13041	1 Litre	155.56567	6087.3484490247
6	<b>BRM255</b>	73.93375	1 Ltr	195.27567	14437.462566862
7	<b>BRM252</b>	49.68348	1 Ltr	125.98567	6259.4065157316
8	<b>BRM341</b>	1.1886	1 Qntl.	6890.147	8189.6287242
<b>Total: 55073.458786162</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	1.854216	1 Cum	75.25	139.529754
2	<b>BRM064</b>	1.854216	1 Cum.	279.5	518.253372
3	<b>BRM056</b>	1.854216	1 Cum.	279.5	518.253372
<b>Total: 1176.036498</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 5815	Rs. 5815
2	Provision for Contingency @ Rs. 2480	Rs. 2480

3	Display Citizen Board @ Rs. 3000	Rs. 3000
<b>Total Addition Component Amount (in Rs.): 11295</b>		

**Total Net Amount (in Rs.): 247998.83792136**