

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Rasulpur	Gram Panchayat	Santarapur

Work Code	OD/356/3402/118486/401093/00070766 (Repair and maintenance of Khageswari Govt. UP School.)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Rasulpur	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.	1236
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	101.43	112.89193548387	11450.629016129
2	<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 specification and direction of Engineer-in-charge. (Old Work)</p>	Sqm	101.43	759.5609337648	77042.265511764

3	<p style="text-align: center;">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	192.156	71.54148812951	13747.126193014
4	<p style="text-align: center;">Painting (AR0917) : Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade (Inside). - Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge. (Inside)</p>	Sqm	93.513	27.5981756842	2580.7882027566

5	<p style="text-align: center;">Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) -</p> <p>Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	88.338	57.576053352462	5086.1534010498
Total Amount (in Rs.): 109906.96232471					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	101.43	Sqm
i	Un-Skilled	0.24193548387097	24.539516129032	-

2	<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 specification and direction of Engineer-in-charge. (Old Work)</p>	-	101.43	Sqm
i	Un-Skilled	1.008	102.24144	-
ii	Highly-Skilled	0.165	16.73595	-
3	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	192.156	Sqm
i	Highly-Skilled	0.053763440860215	10.330967741935	-
ii	Un-Skilled	0.053763440860215	10.330967741935	-

4	<p>Painting (AR0917) : Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade (Inside). - Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge. (Inside)</p>	-	93.513	Sqm
i	Highly-Skilled	0.015	1.402695	-
ii	Un-Skilled	0.022	2.057286	-
5	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	88.338	Sqm
i	Un-Skilled	0.042752688172043	3.7766869677419	-

ii	Highly-Skilled	0.022	1.943436	-
iii	Skilled	0.0080645161290323	0.71240322580645	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	142.94589683871	462	66041.004339484
2	Highly-Skilled	30.413048741935	612	18612.785830065
3	Skilled	0.71240322580645	562	400.37061290323
Total: 85054.160782452				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	101.43	Sqm

2	<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 specification and direction of Engineer-in-charge. (Old Work)</p>	-	101.43	Sqm
i)	BRM340 : Cement	0.1287	13.054041	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.82574	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	1.82574	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	1.82574	1 Cum.
3	<p>Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	192.156	Sqm

i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	16.141104	1 Ltr
4	Painting(AR0917) :.Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade (Inside). - Finishing wall with one coat water proofing cement paint of approved shade in the inner surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge. (Inside)	-	93.513	Sqm
i)	BRM143 : Cement paint	0.166	15.523158	1 Kg.
5	Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	88.338	Sqm
i)	BRM143 : Cement paint	0.25	22.0845	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	0.95082083870968	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	14.00486183871	1 Qntl.	574.612	8047.3616708646
2	BRM028	1.82574	1 Cum	417.99	763.1410626
3	BRM064	1.82574	1 Cum.	1686.07	3078.3254418

4	BRM056	1.82574	1 Cum.	2222.27	4057.2872298
5	BRM253	16.141104	1 Ltr	155.84787	2515.5566778485
6	BRM143	37.607658	1 Kg.	48.07787	1808.0960923285
Total: 20269.768175242					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.82574	1 Cum	274.25	500.709195
2	BRM064	1.82574	1 Cum.	444.5	811.54143
3	BRM056	1.82574	1 Cum.	444.5	811.54143
Total: 2123.792055					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 12650	Rs. 12650
2	Provision for EI Work @ Rs. 3743	Rs. 3743
3	Provision for Contingency @ Rs. 1500	Rs. 1500
4	Display Citizen Board @ Rs. 1500	Rs. 1500
5	Any Other Lumpsum @ Rs. 20700	Rs. 20700
Total Addition Component Amount (in Rs.): 40093		

Total Net Amount (in Rs.): 149999.96232471