

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Sajanpur

Work Code	OD/346/3309/116327/393981/00066404 (Repair of U.N Nodal High School Sirapur)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Secondary School	Project Type	New Work
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.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (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	138.357	257.792767842	35667.433980316
2	<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	141.9	181.2593273252	25720.698547446

3	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	13.4541	1493.995232	20100.361250851
4	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	4.4883	6118.11088126	27459.917068359

5	<p>miscellaneous (ARM026) : Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Do ors and Window) and as directed by Engineer-in-Charge. - Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Door s and Window) and as directed by Engineer-in-Charge.</p>	Sqm	88	402.94	35458.72
6	<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>	Sqm	280.21	71.83753306751	20129.595140847

7	<p align="center">Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -</p> <p>Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	138.31	61.22776449	8468.4121066119
8	<p align="center">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer -</p> <p>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	141.9	156.86604451751	22259.291717035
Total Amount (in Rs.): 195264.42981147					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (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.	-	138.357	Sqm
i	Un-Skilled	0.24	33.20568	-
ii	Skilled	0.16	22.13712	-
2	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.	-	141.9	Sqm
i	Un-Skilled	0.12	17.028	-
ii	Skilled	0.14	19.866	-

3	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	13.4541	Cum
i	Un-Skilled	0.1236	1.66292676	-
4	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	4.4883	Cum
i	Skilled	0.18	0.807894	-
ii	Un-Skilled	3.9	17.50437	-

5	<p>miscellaneous (ARM026) : Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Doors and Window) and as directed by Engineer-in-Charge. - Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Doors and Window) and as directed by Engineer-in-Charge.</p>	-	88	Sqm
6	<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>	-	280.21	Sqm
i	Highly-Skilled	0.053763440860215	15.065053763441	-
ii	Un-Skilled	0.053763440860215	15.065053763441	-

7	Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	138.31	Sqm
i	Un-Skilled	0.043	5.94733	-
ii	Highly-Skilled	0.036	4.97916	-
8	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - 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)	-	141.9	Sqm
i	Un-Skilled	0.11776344086022	16.710632258065	-
ii	Highly-Skilled	0.10776344086022	15.291632258065	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	107.12399278151	462	49491.284665055

2	Skilled	42.811014	562	24059.789868
3	Highly-Skilled	35.335846021505	612	21625.537765161
				Total: 95176.612298217

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (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.	-	138.357	Sqm
i)	BRM340 : Cement	0.043	5.949351	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.490426	1 Cum
2	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.	-	141.9	Sqm
i)	BRM340 : Cement	0.0358	5.08002	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.1285	1 Cum

3	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	13.4541	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.4541	1 Cum
4	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	4.4883	Cum
i)	BRM340 : Cement	2.29	10.278207	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.154384	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	4.308768	1 Cum.

5	<p>miscellaneous(ARM026) :.Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Doors and Window) and as directed by Engineer-in-Charge. - Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Doors and Window) and as directed by Engineer-in-Charge.</p>	-	88	Sqm
i)	<p>BRMM026 : Providing, fitting and fixing 25mm thick sal wood batten,jaffry, door shutters fitted and fixed in position including cost of iron fitting and hinged cleats etc.complete.(Doors and Window)</p>	1	88	Sqm
6	<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>	-	280.21	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	23.53764	1 Ltr

7	Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-		138.31	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075		10.37325	1 Litre
8	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - 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)	-		141.9	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125		17.7375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084		11.9196	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	21.307578	1 Qntl.	570.467	12155.270098926
2	BRM028	6.77331	1 Cum	984.79	6670.2879549
3	BRM029	13.4541	1 Cum	979.85	13182.999885
4	BRM044	4.308768	1 Cum.	1466.56	6319.06679808
5	BRMM026	88	Sqm	402.94	35458.72
6	BRM253	23.53764	1 Ltr	159.33732	3750.4244767248
7	BRM140	10.37325	1 Litre	249.64732	2589.65406219
8	BRM255	17.7375	1 Ltr	195.09732	3460.5387135
9	BRM252	11.9196	1 Ltr	125.80732	1499.572931472

Total: 85086.534920793

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	6.77331	1 Cum	442.25	2995.4963475
2	BRM029	13.4541	1 Cum	442.25	5950.075725
3	BRM044	4.308768	1 Cum.	552.5	2380.59432
					Total: 11326.1663925

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. 735.57	Rs. 735.57
		Total Addition Component Amount (in Rs.): 4735.57

Total Net Amount (in Rs.): 199999.99981147