

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Odagaon	Gram Panchayat	Giridipalli

Work Code	OD/367/3529/120706/406491/00064283 (REPAIR & MAINTENANCE OF GOVT. P.S , DAHANGI)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Odagaon	Proposal Date	-
Date of Commencement	13-11-2025	Date of Completion	03-12-2025
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	Keshab Chandra Beherdalai		

Administrative Approval Details

Approval No.	OD/367/3529/120706/406491/00064283/AS
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Technical Sanction Details

Technical Sanction No.	OD/367/3529/120706/406491/00064283/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	1.33375	Cum
i	Un-Skilled	0.1236	0.1648515	-

2	<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>	-	1.33375	Cum
i	Skilled	0.18	0.240075	-
ii	Un-Skilled	3.9	5.201625	-
3	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	1.3918125	Cum
i	Un-Skilled	4.6	6.4023375	-
ii	Skilled	0.68	0.9464325	-

4	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	0.2278125	Cum
i	Un-Skilled	1.3333	0.30374240625	-
ii	Skilled	3.15525	0.718805390625	-
iii	Semi-Skilled	3.11255	0.709077796875	-

5	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	0.2	Qntl
i	Un-Skilled	0.8	0.16	-
ii	Highly-Skilled	0.3	0.06	-
iii	Semi-Skilled	0.044	0.0088	-
6	<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>	-	2.368125	Cum

	i	Un-Skilled	2.96	7.00965	-
	ii	Skilled	1.05	2.48653125	-
	iii	Highly-Skilled	0.35	0.82884375	-
7		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.	-	39.01	Sqm
	i	Un-Skilled	0.12	4.6812	-
	ii	Skilled	0.14	5.4614	-

8	<p>Flooring (AR0816) : 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 - 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.</p>	-	5.22	Sqm
i	Un-Skilled	0.216	1.12752	-
ii	Highly-Skilled	0.216	1.12752	-
iii	Semi-Skilled	0.55	2.871	-

9	<p>Flooring (AR0817b) : 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) - 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.</p>	-	28.2	Sqm	
	i	Un-Skilled	0.325	9.165	-
	ii	Highly-Skilled	0.325	9.165	-
10	<p>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>	-	39.01	Sqm	
	i	Un-Skilled	0.11776344086022	4.593951827957	-

	ii	Highly-Skilled	0.10776344086022	4.203851827957	-
11		Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	5.307	Sqm
	i	Un-Skilled	0.21505376344086	1.1412903225806	-
12		Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	54	Sqm
	i	Un-Skilled	0.10752688172043	5.8064516129032	-
13		Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	11.1375	Sqm

	i	Highly-Skilled	0.18817204301075	2.0957661290323	-
	ii	Un-Skilled	0.17204301075269	1.9161290322581	-
14		Iron Work (AR1704) : 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.	-	1.7325	Qntl
	i	Un-Skilled	6.3976377952756	11.083907480315	-
	ii	Semi-Skilled	1.9685039370079	3.4104330708661	-
	iii	Skilled	3.9370078740157	6.8208661417323	-
	iv	Highly-Skilled	3.4448818897638	5.9682578740157	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	58.757656682264	462	27146.037387206
1	Skilled	16.674110282357	562	9370.8499786848
2	Semi-Skilled	6.9993108677411	512	3583.6471642835
3	Highly-Skilled	23.449239581005	612	14350.934623575

Total: 54451.469153749