

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Surada	Gram Panchayat	Hinjalakuda

Work Code	OD/354/3385/118030/410966/00065252 (Repair and Maintenance of UPS N.Takarada)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Surada	Proposal Date	-
Date of Commencement	04-12-2025	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	Kanheaya kar		

Administrative Approval Details

Approval No.	OD/354/3385/118030/410966/00065252/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/354/3385/118030/410966/00065252/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	1.458	Cum

	i	Un-Skilled	0.516	0.752328	-
2		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.	-	0.243	Cum
	i	Un-Skilled	0.1236	0.0300348	-
3		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.	-	0.243	Cum
	i	Skilled	0.18	0.04374	-
	ii	Un-Skilled	3.9	0.9477	-

4	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.	-	0.5	Qntl
i	Un-Skilled	0.8	0.4	-
ii	Highly-Skilled	0.3	0.15	-
iii	Semi-Skilled	0.044	0.022	-

5	R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	0.57098	Cum
i	Un-Skilled	1.3333	0.761287634	-
ii	Skilled	0.1	0.057098	-
iii	Semi-Skilled	0.0573	0.032717154	-

6	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	1.2884	Cum
i	Un-Skilled	2.96	3.813664	-
ii	Skilled	1.05	1.35282	-
iii	Highly-Skilled	0.35	0.45094	-

7	<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>	-	13.585	Sqm
i	Un-Skilled	0.216	2.93436	-
ii	Highly-Skilled	0.216	2.93436	-
iii	Semi-Skilled	0.55	7.47175	-

8	<p>Flooring (AR0817ac) : Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	28.82	Sqm
i	Highly-Skilled	0.325	9.3665	-
ii	Un-Skilled	0.325	9.3665	-
iii	Semi-Skilled	0.76	21.9032	-
9	<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>	-	38.72	Sqm

	i	Un-Skilled	0.12	4.6464	-
	ii	Skilled	0.14	5.4208	-
10		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.	-	0.759625	Qntl
	i	Un-Skilled	6.3976377952756	4.8598056102362	-
	ii	Semi-Skilled	1.9685039370079	1.4953248031496	-
	iii	Skilled	3.9370078740157	2.9906496062992	-
	iv	Highly-Skilled	3.4448818897638	2.6168184055118	-

11	<p>Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside). - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old 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>	-	174.943	Sqm
	i Un-Skilled	0.11776344086022	20.601889634409	-
	ii Highly-Skilled	0.10776344086022	18.852459634409	-
12	<p>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.</p>	-	37.053	Sqm
	i Highly-Skilled	0.18817204301075	6.9723387096774	-
	ii Un-Skilled	0.17204301075269	6.3747096774194	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
--------	-------------	----------	------	--------

0	Un-Skilled	55.488679356064	462	25635.769862502
1	Skilled	9.8651076062992	562	5544.1904747402
2	Highly-Skilled	41.343416749598	612	25302.171050754
3	Semi-Skilled	30.92499195715	512	15833.595882061
				Total: 72315.727270056