

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Umerkote	Gram Panchayat	Badakumari

Work Code	OD/366/3522/120571/427397/00064345 (Construction of Vana Suraksha Samiti Building at Khutuguda)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Umerkote	Proposal Date	-
Date of Commencement	14-11-2025	Date of Completion	-
Scheme Name	Construction of Vana Suraksha Samiti Building	Scheme Component Name	Construction of Buildings for Vana Suraksha Samiti
Project Sub-Category	Vana Suraksha Samiti Building	Project Type	New Work
Name of Executant	SAMRAT PRASAN DAS		

Administrative Approval Details

Approval No.	OD/366/3522/120571/427397/00064345/AS
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Technical Sanction Details

Technical Sanction No.	OD/366/3522/120571/427397/00064345/TS
Fund Sanction No.	18342
Fund Sanction Amount (in Rs.)	850000

LABOUR STATEMENT

Sl.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	-	32.907375	Cum

	i	Un-Skilled	0.516	16.9802055	-
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.	-	9.577125	Cum
	i	Un-Skilled	0.1236	1.18373265	-
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.	-	26.96055	Cum
	i	Skilled	0.18	4.852899	-
	ii	Un-Skilled	3.9	105.146145	-

4	R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	16.373668	Cum
i	Un-Skilled	1.3333	21.8310115444	-
ii	Skilled	0.175	2.8653919	-
iii	Semi-Skilled	0.1323	2.1662362764	-

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>	-	16.3	Qntl
i	Un-Skilled	0.8	13.04	-
ii	Highly-Skilled	0.3	4.89	-
iii	Semi-Skilled	0.044	0.7172	-
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>	-	25.0217	Cum

	i	Un-Skilled	2.96	74.064232	-
	ii	Skilled	1.05	26.272785	-
	iii	Highly-Skilled	0.35	8.757595	-
7		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.	-	89.155	Sqm
	i	Un-Skilled	0.24	21.3972	-
	ii	Skilled	0.16	14.2648	-
8		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.	-	101.7	Sqm

	i	Un-Skilled	0.12	12.204	-
	ii	Skilled	0.14	14.238	-
9		Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)	-	40.87	Sqm
	i	Un-Skilled	0.36	14.7132	-
	ii	Highly-Skilled	0.1	4.087	-

10	<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>	-	37.89	Sqm
i	Un-Skilled	0.216	8.18424	-
ii	Highly-Skilled	0.216	8.18424	-
iii	Semi-Skilled	0.55	20.8395	-

11	<p>Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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>	-	6.62	Sqm
	i Highly-Skilled	0.325	2.1515	-
	ii Un-Skilled	0.325	2.1515	-
	iii Semi-Skilled	0.76	5.0312	-
12	<p>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.</p>	-	2.916	Qntl
	i Un-Skilled	6.3976377952756	18.655511811024	-

	ii	Semi-Skilled	1.9685039370079	5.740157480315	-
	iii	Skilled	3.9370078740157	11.48031496063	-
	iv	Highly-Skilled	3.4448818897638	10.045275590551	-
13		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.	-	190.855	Sqm
	i	Highly-Skilled	0.053763440860215	10.261021505376	-
	ii	Un-Skilled	0.053763440860215	10.261021505376	-
14		Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new 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)	-	190.855	Sqm

	i	Highly-Skilled	0.052	9.92446	-
	ii	Un-Skilled	0.062	11.83301	-
15		Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	26.1	Sqm
	i	Highly-Skilled	0.13440860215054	3.508064516129	-
	ii	Un-Skilled	0.11827956989247	3.0870967741935	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	334.73210678499	462	154646.23333467
1	Skilled	73.97419086063	562	41573.495263674
2	Semi-Skilled	34.494293756715	512	17661.078403438
3	Highly-Skilled	61.809156612057	612	37827.203846579
Total:				251708.01084836