

ESTIMATION DPR							
State	Odisha	District	Deogarh	Block	Tileibani	Gram Panchayat	Tainsar

Work Code	OD/351/3348/117235/382706/00014641 (Construction of VSS Building at Badabalipasi)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Tileibani	Proposal Date	-
Date of Commencement	16-04-2025	Date of Completion	18-12-2025
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	MANORANJAN BEHERA		

### Administrative Approval Details

Approval No.	OD/351/3348/117235/382706/00014641/AS
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### Technical Sanction Details

Technical Sanction No.	OD/351/3348/117235/382706/00014641/TS
Fund Sanction No.	18481
Fund Sanction Amount (in Rs.)	850000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	32.39325	Cum

	i	Un-Skilled	0.43	13.9290975	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	14.857125	Cum
	i	Un-Skilled	0.1236	1.83634065	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	8.59925	Cum
	i	Skilled	0.18	1.547865	-
	ii	Un-Skilled	3.9	33.537075	-

4	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm <sup>2</sup> 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.	-	13.278001	Cum
i	Un-Skilled	2.96	39.30288296	-
ii	Skilled	1.05	13.94190105	-
iii	Highly-Skilled	0.35	4.64730035	-

5	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	23.19625	Cum
i	Un-Skilled	2.96	68.6609	-
ii	Skilled	1.05	24.3560625	-
iii	Highly-Skilled	0.35	8.1186875	-
6	<p><b>R.C.C. Work (AR0407Aa) : Column base (including centering &amp; shuttering) -</b> Column base (including centring &amp; shuttering)</p>	-	5.738445	Cum
i	Un-Skilled	1.3333	7.6510687185	-
ii	Skilled	0.175	1.004227875	-
iii	Semi-Skilled	0.1323	0.7591962735	-

7	<b>R.C.C. Work (AR0407Ac) : Column &amp; Beam (including centring &amp; shuttering)</b> - Column & Beam (including centring & shuttering)	-	2.8015	Cum
i	Un-Skilled	1.3333	3.73523995	-
ii	Skilled	5.33875	14.956508125	-
iii	Semi-Skilled	5.29605	14.836884075	-
8	<b>R.C.C. Work (AR0407Ab) : Plinth beam (including centering &amp; shuttering)</b> - Plinth beam (including centring & shuttering)	-	1.968125	Cum
i	Un-Skilled	1.3333	2.6241010625	-
ii	Skilled	0.35	0.68884375	-
iii	Semi-Skilled	0.3073	0.6048048125	-
9	<b>R.C.C. Work (AR0407Ad) : Lintel (including centring &amp; shuttering)</b> - Lintel (including centring & shuttering)	-	1.098375	Cum
i	Un-Skilled	1.3333	1.4644633875	-
ii	Skilled	2.34375	2.57431640625	-

	iii	Semi-Skilled	2.30105	2.52741579375	-
10		<b>R.C.C. Work (AR0407Ae) : Staircase (including centring &amp; shuttering)</b> - Staircase (including centring & shuttering)	-	1.89	Cum
	i	Un-Skilled	1.3333	2.519937	-
	ii	Skilled	5.05	9.5445	-
	iii	Semi-Skilled	5.0073	9.463797	-
11		<b>R.C.C. Work (AR0407Ag) : Roof (including centring &amp; shuttering)</b> - Roof (including centring & shuttering)	-	6.0379125	Cum
	i	Un-Skilled	1.3333	8.05034873625	-
	ii	Skilled	3.15525	19.051123415625	-
	iii	Semi-Skilled	3.11255	18.793304551875	-

12	<p><b>Plastering (AR1027) :</b>  <b>6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	38.488	Sqm
i	Un-Skilled	0.17	6.54296	-
ii	Skilled	0.14	5.38832	-
13	<p><b>Plastering (AR1004) :</b>  <b>12mm thick cement plaster (1:6) over Brick work in inside -</b> 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	126.461	Sqm
i	Un-Skilled	0.12	15.17532	-
ii	Skilled	0.14	17.70454	-

14	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	122.94	Sqm
i	Un-Skilled	0.24	29.5056	-
ii	Skilled	0.16	19.6704	-
15	<p><b>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 -</b> 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>	-	17.72	Qntl
i	Un-Skilled	0.8	14.176	-
ii	Highly-Skilled	0.3	5.316	-

	iii	Semi-Skilled	0.044	0.77968	-
16		<p><b>Flooring (AR0817aa)</b>  <b>: 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) -</b>  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>	-	54.089	Sqm
	i	Highly-Skilled	0.325	17.578925	-
	ii	Un-Skilled	0.325	17.578925	-
	iii	Semi-Skilled	0.76	41.10764	-

17	<b>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	31.5675	Sqm
i	Highly-Skilled	0.053763440860215	1.6971774193548	-
ii	Un-Skilled	0.053763440860215	1.6971774193548	-
18	<b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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)</b>	-	296.9115	Sqm
i	Highly-Skilled	0.054	16.033221	-
ii	Un-Skilled	0.064	19.002336	-

19	<b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) -</b> 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)	-	31.5675	Sqm
i	Highly-Skilled	0.13440860215054	4.2429435483871	-
ii	Un-Skilled	0.11827956989247	3.7337903225806	-
20	<b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</b> 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.	-	296.911	Sqm
i	Highly-Skilled	0.053763440860215	15.962956989247	-
ii	Un-Skilled	0.053763440860215	15.962956989247	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	306.68652069593	452	138622.30735456
1	Skilled	130.42860812187	552	71996.591683275

2	Highly-Skilled	73.597211806989	602	44305.521507808
3	Semi-Skilled	88.872722506625	502	44614.106698326
				<b>Total: 299538.52724397</b>