

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Koraput	<b>Block</b>	Koraput	<b>Gram Panchayat</b>	Kendar

<b>Work Code</b>	OD/363/3471/119802/428920/00014818 (VSS building at Dayanidhiguda)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Koraput	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	15-11-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Construction of Vana Suraksha Samiti Building	<b>Scheme Component Name</b>	Construction of Buildings for Vana Suraksha Samiti
<b>Project Sub-Category</b>	Vana Suraksha Samiti Building	<b>Project Type</b>	New Work
<b>Name of Executant</b>	SWARNAPRAVA MOHANTY		

### Administrative Approval Details

<b>Approval No.</b>	OD/363/3471/119802/428920/00014818/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/363/3471/119802/428920/00014818/TS
<b>Fund Sanction No.</b>	18342
<b>Fund Sanction Amount (in Rs.)</b>	850000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	26.875125	Cum

	i	Un-Skilled	0.516	13.8675645	-
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.	-	21.58863	Cum
	i	Un-Skilled	0.1236	2.668354668	-
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.	-	5.93623	Cum
	i	Skilled	0.18	1.0685214	-
	ii	Un-Skilled	3.9	23.151297	-

4	<b>Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. -</b> Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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.	-	14.388435	Cum
i	Un-Skilled	3.17	45.61133895	-
ii	Skilled	1.41	20.28769335	-
iii	Highly-Skilled	0.35	5.03595225	-

5	<b>R.C.C. Work (AR0404Aa) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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.)	-	7.60806	Cum
i	Un-Skilled	1.3333	10.143826398	-
ii	Skilled	0.175	1.3314105	-
iii	Semi-Skilled	0.1323	1.006546338	-

6	<b>R.C.C. Work (AR0404Ac) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 Beams, Column, Girder & Bressmer etc)	-	3.557525	Cum
i	Un-Skilled	1.3333	4.7432480825	-
ii	Skilled	5.33875	18.99273659375	-
iii	Semi-Skilled	5.29605	18.84083027625	-

7	<b>R.C.C. Work (AR0404Ab) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 Plinth band)	-	1.691213	Cum
i	Un-Skilled	1.3333	2.2548942929	-
ii	Skilled	0.35	0.59192455	-
iii	Semi-Skilled	0.3073	0.5197097549	-

8	<b>R.C.C. Work (AR0404Ad) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 Lintels)	-	1.102965	Cum
i	Un-Skilled	1.3333	1.4705832345	-
ii	Skilled	2.34375	2.58507421875	-
iii	Semi-Skilled	2.30105	2.53797761325	-

9	<b>R.C.C. Work (AR0404Af) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 Sun sheds & Chajja)	-	5.808	Sqm
i	Un-Skilled	0.08333125	0.4839879	-
ii	Skilled	0.3423	1.9880784	-
iii	Semi-Skilled	0.33963125	1.9725783	-

10	<b>R.C.C. Work (AR0404Ag) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	6.41525	Cum
i	Un-Skilled	1.3333	8.553452825	-
ii	Skilled	3.15525	20.2417175625	-
iii	Semi-Skilled	3.11255	19.9677863875	-

11	<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>	-	16.5	Qntl
i	Un-Skilled	0.8	13.2	-
ii	Highly-Skilled	0.3	4.95	-
iii	Semi-Skilled	0.044	0.726	-
12	<p><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b> 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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	42.746	Sqm
i	Un-Skilled	0.36	15.38856	-

	ii	Highly-Skilled	0.1	4.2746	-
13		<p><b>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with Flyash Bricks of size (23cm x 11cm 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	15.64759	Cum
	i	Un-Skilled	2.96	46.3168664	-
	ii	Skilled	1.05	16.4299695	-
	iii	Highly-Skilled	0.35	5.4766565	-
14		<p><b>Plastering (AR1004) : 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>	-	72.72	Sqm

	i	Un-Skilled	0.12	8.7264	-
	ii	Skilled	0.14	10.1808	-
15		<b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b>	-	103.155	Sqm
	i	Un-Skilled	0.24	24.7572	-
	ii	Skilled	0.16	16.5048	-
16		<b>Plastering (AR1008i) : 20mm thick cement Plaster in CM (1:6) over stone work in outside (Outside) - 20mm thick cement Plaster in CM (1:6) over stone work in outside 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.</b>	-	18.72	Sqm
	i	Un-Skilled	0.24	4.4928	-

	ii	Skilled	0.16	2.9952	-
17		<b>Other Building Items. (AR1901B) :</b> <b>Vitrified Tile</b> <b>600mmx600mm Plain Ivory</b> - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	28.2556	Sqm
	i	Un-Skilled	0.216	6.1032096	-
	ii	Highly-Skilled	0.216	6.1032096	-

18	<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>	-	4.587	Sqm
i	Highly-Skilled	0.325	1.490775	-
ii	Un-Skilled	0.325	1.490775	-
iii	Semi-Skilled	0.76	3.48612	-

19	<p><b>Flooring (AR0816) :</b>  <b>Fixing ceramic Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in floor -</b> 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>	-	8.8452	Sqm
i	Un-Skilled	0.216	1.9105632	-
ii	Highly-Skilled	0.216	1.9105632	-
iii	Semi-Skilled	0.55	4.86486	-

20	<p><b>Flooring (AR0817b) :</b>  <b>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) -</b> 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>	-	12.312	Sqm
i	Un-Skilled	0.325	4.0014	-
ii	Highly-Skilled	0.325	4.0014	-
21	<p><b>Iron Work (AR1704) :</b>  <b>Iron Doors and windows fixing -</b> Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	3.60675	Qntl
i	Un-Skilled	6.3976377952756	23.07468011811	-

	ii	Semi-Skilled	1.9685039370079	7.0999015748031	-
	iii	Skilled	3.9370078740157	14.199803149606	-
	iv	Highly-Skilled	3.4448818897638	12.424827755906	-
22		<b>Painting (AR0920a) :  Finishing wall surface  with two coats with  plastic emulsion paint  of approved shades  above one coat oil  bound Primer on new  work (Inside) -</b> Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)	-	134.5198	Sqm
	i	Highly-Skilled	0.10776344086022	14.496316511828	-
	ii	Un-Skilled	0.11776344086022	15.841514511828	-

23	<b>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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)	-	91.44	Sqm
i	Un-Skilled	0.11776344086022	10.768289032258	-
ii	Highly-Skilled	0.10776344086022	9.8538890322581	-
24	<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface -</b> 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.	-	25.34625	Sqm
i	Highly-Skilled	0.18817204301075	4.7694556451613	-
ii	Un-Skilled	0.17204301075269	4.3606451612903	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	293.38145087439	462	135542.23030397
1	Skilled	127.39772922461	562	71597.523824229

2	Highly-Skilled	74.787645495153	612	45770.039043034
3	Semi-Skilled	61.022310244703	512	31243.422845288
				<b>Total: 284153.21601652</b>