

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Muribahal	Gram Panchayat	Haldi

Work Code	OD/345/3292/115924/421463/00063601 (Const of Vana Suraksha Suraksha Samiti (vss) Building at Tentulikhunti Haldi GP)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Muribahal	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	DEBANANDA MEHER		

Administrative Approval Details

Approval No.	OD/345/3292/115924/421463/00063601/AS
--------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/345/3292/115924/421463/00063601/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	850000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement 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.	-	22.60313925	Cum
i	Un-Skilled	0.1236	2.7937480113	-

2	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.	-	7.3315897325	Cum
i	Skilled	0.18	1.31968615185	-
ii	Un-Skilled	3.9	28.59319995675	-
3	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.	-	114.420285	Sqm
i	Un-Skilled	0.12	13.7304342	-
ii	Skilled	0.14	16.0188399	-

4	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.	-	81.892279	Sqm
i	Un-Skilled	0.24	19.65414696	-
ii	Skilled	0.16	13.10276464	-
5	R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	24.13259584	Sqm
i	Semi-Skilled	0.05	1.206629792	-
ii	Skilled	0.05	1.206629792	-

6	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	54.816574	Sqm
i	Semi-Skilled	0.6547619047619	35.891804404762	-
ii	Skilled	0.6547619047619	35.891804404762	-
7	R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	9.249124	Sqm
i	Semi-Skilled	0.16025641025641	1.4822314102564	-
ii	Skilled	0.16025641025641	1.4822314102564	-

8	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	53.20266875	Sqm
i	Semi-Skilled	0.305555555555556	16.256371006944	-
ii	Skilled	0.305555555555556	16.256371006944	-
9	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.	-	19.5	Qntl
i	Un-Skilled	0.8	15.6	-
ii	Highly-Skilled	0.3	5.85	-

	iii	Semi-Skilled	0.044	0.858	-
10		Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge	-	32.28499375	Cum
	i	Un-Skilled	0.5682408	18.345650676495	-
11		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/cm ² 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.	-	19.74073575	Cum
	i	Un-Skilled	2.96	58.43257782	-
	ii	Skilled	1.05	20.7277725375	-

iii	Highly-Skilled	0.35	6.9092575125	-
12	Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	12.72569496	Cum
i	Un-Skilled	1.21	15.3980909016	-
ii	Skilled	1.05	13.361979708	-
iii	Highly-Skilled	2.295	29.2054699332	-
iv	Semi-Skilled	1.41	17.9432298936	-

13	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)	-	19.7582244425	Cum
i	Un-Skilled	1.3333	26.343640649185	-
ii	Skilled	0.1	1.97582244425	-
iii	Semi-Skilled	0.0573	1.1321462605552	-
14	Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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 & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	38.71119775	Sqm

	i	Un-Skilled	0.17	6.5809036175	-
	ii	Skilled	0.14	5.419567685	-
15		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.	-	38.71119775	Sqm
	i	Highly-Skilled	0.325	12.58113926875	-
	ii	Un-Skilled	0.325	12.58113926875	-
	iii	Semi-Skilled	0.76	29.42051029	-

16	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.	-	9.349456	Sqm
i	Un-Skilled	0.216	2.019482496	-
ii	Highly-Skilled	0.216	2.019482496	-
iii	Semi-Skilled	0.55	5.1422008	-

17	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)	-	112.41896	Sqm
i	Highly-Skilled	0.052	5.84578592	-
ii	Un-Skilled	0.062	6.96997552	-
18	Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	82.890954	Sqm
i	Un-Skilled	0.042752688172043	3.5438111086452	-
ii	Highly-Skilled	0.022	1.823600988	-

iii	Skilled	0.0080645161290323	0.66847543548387	-
-----	---------	--------------------	------------------	---

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	230.58680118623	462	106531.10214804
1	Skilled	127.43194511605	562	71616.753155218
2	Semi-Skilled	109.33312385812	512	55978.559415356
3	Highly-Skilled	64.23473611845	612	39311.658504491
				Total: 273438.0732231