

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Balikuda	Gram Panchayat	Alavar

Work Code	OD/355/3386/118043/398308/00058703 (Provision of Facilities center at Alavar G.P Headquarter)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balikuda	Proposal Date	-
Date of Commencement	26-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Provision of Facilities at GP Head Quarter
Project Sub-Category	GP Facility Centre	Project Type	New Work
Name of Executant	SARADA PRASANNA SWAIN		

Administrative Approval Details

Approval No.	OD/355/3386/118043/398308/00058703/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3386/118043/398308/00058703/TS
Fund Sanction No.	35908
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary 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 per 100 cum	-	29.98561875	Cum

	i	Un-Skilled	0.384	11.5144776	-
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.	-	26.13059275	Cum
	i	Un-Skilled	0.1236	3.2297412639	-
3		Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	9.26832075	Cum
	i	Un-Skilled	3.9	36.146450925	-
	ii	Skilled	0.18	1.668297735	-

4	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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 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.	-	10.191669095	Cum
i	Un-Skilled	2.96	30.1673405212	-
ii	Skilled	1.05	10.70125254975	-
iii	Highly-Skilled	0.35	3.56708418325	-

5	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.	-	13.0706231142	Cum
i	Un-Skilled	2.96	38.689044418032	-
ii	Skilled	1.05	13.72415426991	-
iii	Highly-Skilled	0.35	4.57471808997	-

6	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.)	-	3.396	Cum
i	Un-Skilled	1.3333	4.5278868	-
ii	Skilled	0.175	0.5943	-
iii	Semi-Skilled	0.1323	0.4492908	-

7	R.C.C. Work (AR0404Ab) : 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 Plinth band)	-	2.0486260196	Cum
i	Un-Skilled	1.3333	2.7314330719327	-
ii	Skilled	0.35	0.71701910686	-
iii	Semi-Skilled	0.3073	0.62954277582308	-

8	R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)	-	5.6141189646	Cum
i	Un-Skilled	1.3333	7.4853048155012	-
ii	Skilled	5.33875	29.972377622258	-
iii	Semi-Skilled	5.29605	29.73265474247	-

9	R.C.C. Work (AR0404Ad) : 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 Lintels)	-	1.04620006	Cum
i	Un-Skilled	1.3333	1.394898539998	-
ii	Skilled	2.34375	2.452031390625	-
iii	Semi-Skilled	2.30105	2.407358648063	-

10	R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)	-	5.6838922184	Cum
i	Un-Skilled	1.3333	7.5783334947927	-
ii	Skilled	3.15525	17.934100922107	-
iii	Semi-Skilled	3.11255	17.691398724381	-

11	<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>	-	26	Qntl
i	Un-Skilled	0.8	20.8	-
ii	Highly-Skilled	0.3	7.8	-
iii	Semi-Skilled	0.044	1.144	-
12	<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>	-	95.68630325	Sqm
i	Un-Skilled	0.12	11.48235639	-

	ii	Skilled	0.14	13.396082455	-
13		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.	-	46.5429	Sqm
	i	Un-Skilled	0.24	11.170296	-
	ii	Skilled	0.16	7.446864	-
14		Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - 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)	-	37.81468488	Sqm
	i	Un-Skilled	0.216	8.16797193408	-

	ii	Highly-Skilled	0.216	8.16797193408	-
15		<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>	-	31.469875	Sqm
	i	Highly-Skilled	0.325	10.227709375	-
	ii	Un-Skilled	0.325	10.227709375	-
	iii	Semi-Skilled	0.76	23.917105	-
16		<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>	-	1.92	Qntl

	i	Un-Skilled	6.3976377952756	12.283464566929	-
	ii	Semi-Skilled	1.9685039370079	3.7795275590551	-
	iii	Skilled	3.9370078740157	7.5590551181102	-
	iv	Highly-Skilled	3.4448818897638	6.6141732283465	-
17		Painting (AR0922b) : Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for 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)	-	104.337848	Sqm
	i	Highly-Skilled	0.10576344086022	11.03512981643	-
	ii	Un-Skilled	0.11576344086022	12.07850829643	-

18	Painting (AR0918ib) : Finishing wall two coats with waterproofing cement paint with one coat waterbound Primer - Finishing wall two coats with waterproofing cement paint with one coat waterbound 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)	-	95.68630325	Sqm
i	Un-Skilled	0.085763440860215	8.206386609914	-
ii	Highly-Skilled	0.075763440860215	7.249523577414	-
19	Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	9.29	Sqm
i	Highly-Skilled	0.18817204301075	1.7481182795699	-
ii	Un-Skilled	0.17204301075269	1.5982795698925	-

20	<p>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.</p>	-	57.794948	Sqm
i	Un-Skilled	0.17	9.82514116	-
ii	Skilled	0.14	8.09129272	-
21	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	104.337848	Sqm
i	Un-Skilled	0.057	5.947257336	-
ii	Skilled	0.05	5.2168924	-

22	<p>Other Building Items. (AR1907) : aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p>	-	6.6888	Sqm
	i Un-Skilled	1.006711409396	6.7336912751678	-
	ii Semi-Skilled	1.006711409396	6.7336912751678	-
	iii Skilled	0.33557046979866	2.2445637583893	-
	iv Highly-Skilled	0.33557046979866	2.2445637583893	-
23	<p>Other Building Items. (AR1903) : False ceiling - Providing fitting and fixing of false ceiling with Aluminium anodised T Section No.3215 with 2'-0" center to center, L section No.1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C.plug and the Aluminium grid 2'-0"x2'-0"with 12mm thick Prelaminated Novapan board suspended from ceiling etc. complete and as per direction of engineer in charge.</p>	-	37.50625688	Sqm

	i	Un-Skilled	0.25601638504864	9.6022163031234	-
	ii	Highly-Skilled	0.25601638504864	9.6022163031234	-
24		<p>Other Building Items. (AR1910) : Al. door with 6mm glass in top portion and 12mm thick pre-laminated board in bottom - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 6mm Black glass in top portion with 12mm thick pre-laminated board in bottom portion fixed on door frame by means of tapered clip No.4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc.complete and as per direction of Engineer in Charge</p>	-	2.6012	Sqm
	i	Un-Skilled	0.82872928176796	2.1556906077348	-
	ii	Semi-Skilled	0.66298342541436	1.7245524861878	-
	iii	Skilled	0.82872928176796	2.1556906077348	-
	iv		1.3812154696133	3.592817679558	-

25	<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>	-	4.11294312	Sqm
	i Un-Skilled	0.216	0.88839571392	-
	ii Highly-Skilled	0.216	0.88839571392	-
	iii Semi-Skilled	0.55	2.262118716	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	274.63227658855	462	126880.11178391
1	Skilled	123.87397465574	562	69617.173756528
2	Highly-Skilled	73.719604259493	612	45116.39780681
3	Semi-Skilled	90.471240727148	512	46321.2752523

4		3.592817679558	100	359.2817679558
				Total: 288294.2403675