

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Banapur	Gram Panchayat	Nachuni

Work Code	OD/362/3458/119572/408191/00021153 (Provision Of Facility Centre At Nachuni GP Hqrs)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Banapur	Proposal Date	-
Date of Commencement	04-12-2025	Date of Completion	12-01-2026
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	pramoda kumar nanda		

Administrative Approval Details

Approval No.	OD/362/3458/119572/408191/00021153/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3458/119572/408191/00021153/TS
Fund Sanction No.	15219
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 (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	-	37.8524824	Cum

	i	Un-Skilled	0.516	19.5318809184	-
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.	-	28.9866055872	Cum
	i	Un-Skilled	0.1236	3.5827444505779	-
3		Concrete (AR0304a) : Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Hand 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.	-	10.21444459104	Cum
	i	Un-Skilled	3.9	39.836333905056	-
	ii	Skilled	0.18	1.8386000263872	-

4	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.	-	20.43152972368	Cum
i	Un-Skilled	1.21	24.722150965653	-
ii	Skilled	1.05	21.453106209864	-
iii	Highly-Skilled	2.295	46.890360715846	-
iv	Semi-Skilled	1.41	28.808456910389	-

5	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.)	-	9.45828409056	Cum
i	Un-Skilled	1.3333	12.610730177944	-
ii	Skilled	0.175	1.655199715848	-
iii	Semi-Skilled	0.1323	1.2513309851811	-

6	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)	-	3.86484393312	Cum
i	Un-Skilled	1.3333	5.1529964160289	-
ii	Skilled	5.33875	20.633435547944	-
iii	Semi-Skilled	5.29605	20.468406712	-

7	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)	-	1.45139457408	Cum
i	Un-Skilled	1.3333	1.9351443856209	-
ii	Skilled	2.34375	3.401706033	-
iii	Semi-Skilled	2.30105	3.3397314846868	-

8	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)	-	9.1494978816	Cum
i	Un-Skilled	1.3333	12.199025525537	-
ii	Skilled	3.15525	28.868953190918	-
iii	Semi-Skilled	3.11255	28.478269631374	-

9	<p>Masonry Brick Work (AR0610aa) : Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (400mm x 200mm x 200mm size) in cement mortar (1:4) in superstructure - Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (400mm x 200mm x 200mm size) in cement mortar (1:4) in superstructure immersing the concrete solid Block 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>	-	21.771456517133	Cum
i	Un-Skilled	2.96	64.443511290714	-
ii	Skilled	1.05	22.86002934299	-
iii	Highly-Skilled	0.35	7.6200097809965	-

10	<p>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 specification and direction of Engineer-in-charge. (new work)</p>	-	71.070795	Sqm
	i Un-Skilled	0.36	25.5854862	-
	ii Highly-Skilled	0.1	7.1070795	-
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>	-	20	Qntl
	i Un-Skilled	0.8	16	-
	ii Highly-Skilled	0.3	6	-

	iii	Semi-Skilled	0.044	0.88	-
12		<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.</p> <p>- 12mm thick cement plaster (1:6) over Brick 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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	93.07765764	Sqm
	i	Un-Skilled	0.12	11.1693189168	-
	ii	Skilled	0.14	13.0308720696	-
13		<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</p> <p>- 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.</p>	-	149.13346978	Sqm
	i	Un-Skilled	0.24	35.7920327472	-
	ii	Skilled	0.16	23.8613551648	-

14	<p>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 & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	19.695436	Sqm
i	Un-Skilled	0.24	4.72690464	-
ii	Skilled	0.16	3.15126976	-
15	<p>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)</p>	-	149.13	Sqm
i	Highly-Skilled	0.054	8.05302	-
ii	Un-Skilled	0.064	9.54432	-

16	Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	220.2	Sqm
i	Highly-Skilled	0.053763440860215	11.838709677419	-
ii	Un-Skilled	0.053763440860215	11.838709677419	-
17	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat 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)	-	122.99	Sqm
i	Un-Skilled	0.11776344086022	14.483725591398	-
ii	Highly-Skilled	0.10776344086022	13.253825591398	-

18	<p>Flooring (AR0817bak) : g Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Plain (Ivory) in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)(For repair and maintenance) . - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Plain (Ivory) in wall cladding/ glazed tiles 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(For repair and maintenance).</p>	-	46.19973287	Sqm
i	Un-Skilled	0.325	15.01491318275	-
ii	Highly-Skilled	0.325	15.01491318275	-
19	<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>	-	1.27	Qntl

i	Un-Skilled	6.3976377952756	8.125	-
ii	Semi-Skilled	1.9685039370079	2.5	-
iii	Skilled	3.9370078740157	5	-
iv	Highly-Skilled	3.4448818897638	4.375	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	336.2949289911	462	155368.25719389
1	Skilled	145.75452706135	562	81914.04420848
2	Highly-Skilled	120.15291844841	612	73533.586090427
3	Semi-Skilled	85.726195723631	512	43891.812210499
Total:				354707.69970329