

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Kesinga	Gram Panchayat	Laitara

Work Code	OD/358/3416/118756/422339/00020279 (Provision of Facility Centre at GP Hqrs Laitara GP)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Kesinga	Proposal Date	26-02-2024
Date of Commencement	04-10-2025	Date of Completion	28-11-2025
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	TRILOCHAN BEHERA		

Administrative Approval Details

Approval No.	OD/358/3416/118756/422339/00020279/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3416/118756/422339/00020279/TS
Fund Sanction No.	4453
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	-	21.564	Cum

	i	Un-Skilled	0.516	11.127024	-
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.	-	28.3395	Cum
	i	Un-Skilled	0.1236	3.5027622	-
3		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.	-	6.56075	Cum
	i	Skilled	0.18	1.180935	-
	ii	Un-Skilled	3.9	25.586925	-

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.	-	10.600325	Cum
i	Un-Skilled	2.96	31.376962	-
ii	Skilled	1.05	11.13034125	-
iii	Highly-Skilled	0.35	3.71011375	-

5	<p>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/cm² 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.</p>	-	22.07875	Cum
i	Un-Skilled	2.96	65.3531	-
ii	Skilled	1.05	23.1826875	-
iii	Highly-Skilled	0.35	7.7275625	-
6	<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>	-	21.384	Qntl

	i	Un-Skilled	0.8	17.1072	-
	ii	Highly-Skilled	0.3	6.4152	-
	iii	Semi-Skilled	0.044	0.940896	-
7		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 specificaion and direction of Engineer-in charge. (new work)	-	69.3	Sqm
	i	Un-Skilled	0.36	24.948	-
	ii	Highly-Skilled	0.1	6.93	-

8	<p>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.</p>	-	118.8625	Sqm
i	Un-Skilled	0.24	28.527	-
ii	Skilled	0.16	19.018	-
9	<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>	-	47.25	Sqm
i	Un-Skilled	0.12	5.67	-
ii	Skilled	0.14	6.615	-

10	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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>	-	11.64	Sqm
i	Un-Skilled	0.24	2.7936	-
ii	Skilled	0.16	1.8624	-
11	<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>	-	54.7336	Sqm

	i	Un-Skilled	0.216	11.8224576	-
	ii	Highly-Skilled	0.216	11.8224576	-
	iii	Semi-Skilled	0.55	30.10348	-
12		Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.	-	41.355	Sqm
	i	Un-Skilled	0.216	8.93268	-
	ii	Highly-Skilled	0.216	8.93268	-

13	Painting (AR0905a) : Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer on old wood work 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)	-	15.405	Sqm
i	Highly-Skilled	0.18817204301075	2.8987903225806	-
ii	Un-Skilled	0.17204301075269	2.6503225806452	-
14	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.	-	242.096	Sqm
i	Un-Skilled	0.057	13.799472	-
ii	Skilled	0.05	12.1048	-

15	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.	-	393.35125	Sqm
i	Highly-Skilled	0.053763440860215	21.147916666667	-
ii	Un-Skilled	0.053763440860215	21.147916666667	-
16	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.	-	1.224	Qntl
i	Un-Skilled	6.3976377952756	7.8307086614173	-
ii	Semi-Skilled	1.9685039370079	2.4094488188976	-
iii	Skilled	3.9370078740157	4.8188976377953	-
iv	Highly-Skilled	3.4448818897638	4.2165354330709	-

17	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)	-	242.096	Sqm
i	Highly-Skilled	0.054	13.073184	-
ii	Un-Skilled	0.064	15.494144	-
18	Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	128.87875	Sqm
i	Un-Skilled	0.043	5.54178625	-
ii	Highly-Skilled	0.036	4.639635	-

19	<p>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)</p>	-	24.3102175	Cum
	i Un-Skilled	1.3333	32.41281299275	-
	ii Skilled	0.1	2.43102175	-
	iii Semi-Skilled	0.0573	1.39297546275	-
20	<p>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</p>	-	6.804	Sqm

	i	Semi-Skilled	0.05	0.3402	-
	ii	Skilled	0.05	0.3402	-
21		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, grider and bressmer, etc. Data for 4.2sqm	-	52.247	Sqm
	i	Semi-Skilled	0.6547619047619	34.209345238095	-
	ii	Skilled	0.6547619047619	34.209345238095	-
22		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	-	12.3525	Sqm
	i	Semi-Skilled	0.16025641025641	1.9795673076923	-

	ii	Skilled	0.16025641025641	1.9795673076923	-
23		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	-	58.525	Sqm
	i	Semi-Skilled	0.305555555555556	17.8826388888889	-
	ii	Skilled	0.305555555555556	17.8826388888889	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	335.62487395148	462	155058.69176558
1	Skilled	136.75583457247	562	76856.779029729
2	Highly-Skilled	91.514075272318	612	56006.614066659
3	Semi-Skilled	89.258551716324	512	45700.378478758

Total: 333622.46334073