

ESTIMATION DPR							
State	Odisha	District	Bhadrak	Block	Bhadrak	Gram Panchayat	Gujidarada

Work Code	OD/348/3323/116631/394845/00071252 (Const. of Facility Centre at GP Office Gujidarada)
Project Category	Building

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhadrak	Proposal Date	-
Date of Commencement	23-12-2025	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	PEO GUJIDARADA GP		

Administrative Approval Details

Approval No.	OD/348/3323/116631/394845/00071252/AS
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Technical Sanction Details

Technical Sanction No.	OD/348/3323/116631/394845/00071252/TS
Fund Sanction No.	17728
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Plastering (AR1027) : First Floor - 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.	-	158.314	Sqm
i	Un-Skilled	0.1751	27.7207814	-

	ii	Skilled	0.1442	22.8288788	-
2		Masonry Brick Work (AR0603bi) : First floor - 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.	-	15.9745	Cum
	i	Un-Skilled	3.404	54.377198	-
	ii	Skilled	1.2075	19.28920875	-
	iii	Highly-Skilled	0.4025	6.42973625	-
3		R.C.C. Work (AR0409) : First floor - 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.	-	20	Qntl
	i	Un-Skilled	0.84	16.8	-

	ii	Highly-Skilled	0.315	6.3	-
	iii	Semi-Skilled	0.0462	0.924	-
4		Plastering (AR1004) : First Floor - 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.	-	84.18	Sqm
	i	Un-Skilled	0.1236	10.404648	-
	ii	Skilled	0.1442	12.138756	-
5		Plastering (AR1014) : First Floor - 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.	-	74.13	Sqm
	i	Un-Skilled	0.2472	18.324936	-
	ii	Skilled	0.1648	12.216624	-

6	<p>R.C.C. Work (AR0404Ac) : First Floor - 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)</p>	-	5.756	Cum
i	Un-Skilled	1.533295	8.82564602	-
ii	Skilled	6.4015	36.847034	-
iii	Semi-Skilled	6.352395	36.56438562	-
7	<p>R.C.C. Work (AR0404Ad) : First Floor - 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)</p>	-	1.46475	Cum

	i	Un-Skilled	1.533295	2.24589385125	-
	ii	Skilled	2.8075	4.112285625	-
	iii	Semi-Skilled	2.758395	4.04035907625	-
8		R.C.C. Work (AR0404Ag) : First Floor - 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)	-	13.6435	Cum
	i	Un-Skilled	1.533295	20.9195103325	-
	ii	Skilled	3.7813	51.59016655	-
	iii	Semi-Skilled	3.732195	50.9202024825	-

9	<p>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</p>	-	10.368	Cum
i	Un-Skilled	0.516	5.349888	-
10	<p>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.</p>	-	10.88224	Cum
i	Un-Skilled	0.1236	1.345044864	-

11	<p>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.</p>	-	2.58904	Cum
i	Skilled	0.18	0.4660272	-
ii	Un-Skilled	3.9	10.097256	-
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>	-	27.6	Sqm
i	Un-Skilled	0.12	3.312	-
ii	Skilled	0.14	3.864	-

13	<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>	-	24.6	Sqm
i	Un-Skilled	0.24	5.904	-
ii	Skilled	0.16	3.936	-
14	<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>	-	4.1	Qntl
i	Un-Skilled	0.8	3.28	-
ii	Highly-Skilled	0.3	1.23	-

	iii	Semi-Skilled	0.044	0.1804	-
15		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.)	-	1.728	Cum
	i	Un-Skilled	1.3333	2.3039424	-
	ii	Skilled	0.175	0.3024	-
	iii	Semi-Skilled	0.1323	0.2286144	-

16	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)	-	1.26625	Cum
i	Un-Skilled	1.3333	1.688291125	-
ii	Skilled	0.35	0.4431875	-
iii	Semi-Skilled	0.3073	0.389118625	-

17	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)	-	0.34965	Cum
i	Un-Skilled	1.3333	0.466188345	-
ii	Skilled	2.34375	0.8194921875	-
iii	Semi-Skilled	2.30105	0.8045621325	-

18	R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)	-	2.197275	Cum
i	Un-Skilled	1.3333	2.9296267575	-
ii	Skilled	5.05	11.09623875	-
iii	Semi-Skilled	5.0073	11.0024151075	-

19	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.	-	6.44	Cum
i	Un-Skilled	2.96	19.0624	-
ii	Skilled	1.05	6.762	-
iii	Highly-Skilled	0.35	2.254	-

20	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)	-	2.04525	Cum
i	Un-Skilled	1.3333	2.726931825	-
ii	Skilled	5.33875	10.9190784375	-
iii	Semi-Skilled	5.29605	10.8317462625	-
21	miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.	-	13.32	Sqm

22	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.	-	4.5	Qntl
i	Un-Skilled	6.3976377952756	28.78937007874	-
ii	Semi-Skilled	1.9685039370079	8.8582677165354	-
iii	Skilled	3.9370078740157	17.716535433071	-
iv	Highly-Skilled	3.4448818897638	15.501968503937	-
23	Concrete (AR0317) : First floor - 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)	-	105.908	Sqm
i	Un-Skilled	0.414	43.845912	-
ii	Highly-Skilled	0.115	12.17942	-

24	Painting (AR0901b) : First Floor - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	38.7675	Sqm
i	Highly-Skilled	0.055376344086022	2.1468024193548	-
ii	Un-Skilled	0.055376344086022	2.1468024193548	-
25	Painting (AR0903i) : First Floor - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	38.7675	Sqm
i	Highly-Skilled	0.14112903225806	5.4712197580645	-
ii	Un-Skilled	0.1241935483871	4.8146733870968	-
26	Painting (AR0901d) : First Floor - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	200	Sqm

i	Highly-Skilled	0.055376344086022	11.075268817204	-
ii	Un-Skilled	0.055376344086022	11.075268817204	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	308.75620962265	462	142645.36884566
1	Skilled	215.34791323307	562	121025.52723699
2	Highly-Skilled	62.588415748561	612	38304.110438119
3	Semi-Skilled	124.74407142279	512	63868.964568466
Total:				365843.97108923