

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Purushottampur	Gram Panchayat	Ganga-Dahani

Work Code	OD/354/3381/117934/412235/00078705 (Provision of facilities Centre at Gangadahani)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Purushottampur	Proposal Date	12-10-2022
Date of Commencement	-	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	Completion
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/354/3381/117934/412235/00078705/TS
Fund Sanction No.	1000000
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 (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.	-	127.00954936	Sqm
i	Un-Skilled	0.1236	15.698380300896	-

	ii	Skilled	0.1442	18.314777017712	-
2		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)	-	2.4897617192	Cum
	i	Un-Skilled	1.3333	3.3195993002094	-
	ii	Skilled	5.05	12.57329668196	-
	iii	Semi-Skilled	5.0073	12.46698385655	-

3	<p>Masonry Brick Work (AR0603ci) : First floor - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	24.7311852	Cum
i	Un-Skilled	3.404	84.1849544208	-
ii	Skilled	1.2075	29.862906129	-
iii	Highly-Skilled	0.4025	9.954302043	-
4	<p>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 specification and direction of Engineer-in-charge. (new work)</p>	-	107.3736270218	Sqm
i	Un-Skilled	0.414	44.452681587025	-
ii	Highly-Skilled	0.115	12.347967107507	-

5	<p>Flooring (AR0817aa) : First floor - 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>	-	20.43587291	Sqm
	i Highly-Skilled	0.34125	6.9737416305375	-
	ii Un-Skilled	0.34125	6.9737416305375	-
	iii Semi-Skilled	0.798	16.30782658218	-
6	<p>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.</p>	-	116.16219508	Sqm
	i Highly-Skilled	0.055376344086022	6.4326376845376	-
	ii Un-Skilled	0.055376344086022	6.4326376845376	-

7	Painting (AR0920) : First Floor - 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)	-	120.48218458	Sqm
i	Highly-Skilled	0.05562	6.7012191063396	-
ii	Un-Skilled	0.06592	7.9421856075136	-
8	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.	-	140.60776147	Sqm
i	Un-Skilled	0.2472	34.758238635384	-
ii	Skilled	0.1648	23.172159090256	-

9	<p>Other Building Items. (AR1901B) : First floor - 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)</p>	-	91.788164	Sqm
	i Un-Skilled	0.2268	20.817555952	-
	ii Highly-Skilled	0.2268	20.817555952	-
10	<p>Painting (AR0918Ai) : First Floor - 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.</p>	-	121.02288004	Sqm
	i Un-Skilled	0.04515	5.464183033806	-
	ii Highly-Skilled	0.0378	4.574664865512	-

11	<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>	-	6.002064324	Cum
	i Un-Skilled	1.533295	9.2029352176676	-
	ii Skilled	6.4015	38.422214770086	-
	iii Semi-Skilled	6.352395	38.127483401456	-
12	<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>	-	2.150307	Cum

	i	Un-Skilled	1.533295	3.297054971565	-
	ii	Skilled	2.8075	6.0369869025	-
	iii	Semi-Skilled	2.758395	5.931396077265	-
13		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)	-	13.658808000173	Cum
	i	Un-Skilled	1.533295	20.942982012625	-
	ii	Skilled	3.7813	51.648050691054	-
	iii	Semi-Skilled	3.732195	50.977334924206	-

14	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.	-	20.58	Qntl
i	Un-Skilled	0.84	17.2872	-
ii	Highly-Skilled	0.315	6.4827	-
iii	Semi-Skilled	0.0462	0.950796	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	280.77432999777	462	129717.74045897
1	Skilled	180.03039128257	562	101177.0799008
2	Semi-Skilled	124.76182084166	512	63878.052270928
3	Highly-Skilled	74.284788032634	612	45462.290275972

Total: 340235.16290667