

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Erasama	Gram Panchayat	Bamadeipur

Work Code	OD/355/3388/118095/397273/00054768 (Provision of Facility Centre at Bamadeipur GP Hqrs)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Erasama	Proposal Date	-
Date of Commencement	06-11-2025	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	Manasmita Mishra		

Administrative Approval Details

Approval No.	OD/355/3388/118095/397273/00054768/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3388/118095/397273/00054768/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	R.C.C. Work (AR0404B) : First floor - R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).	-	19.286625	Cum

	i	Un-Skilled	1.533295	29.572085679375	-
	ii	Skilled	0.115	2.217961875	-
	iii	Semi-Skilled	0.065895	1.270892154375	-
2		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.	-	21	Qntl
	i	Un-Skilled	0.84	17.64	-
	ii	Highly-Skilled	0.315	6.615	-
	iii	Semi-Skilled	0.0462	0.9702	-

3	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.	-	21.121875	Cum
i	Un-Skilled	3.404	71.8988625	-
ii	Skilled	1.2075	25.5046640625	-
iii	Highly-Skilled	0.4025	8.5015546875	-
4	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)	-	90	Sqm
i	Un-Skilled	0.414	37.26	-
ii	Highly-Skilled	0.115	10.35	-

5	<p>R.C.C. Work (AR0410d) : First floor - 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, girder and bressmer, etc. Data for 4.2sqm</p>	-	58.97	Sqm
i	Semi-Skilled	0.78571428571429	46.333571428571	-
ii	Skilled	0.78571428571429	46.333571428571	-
6	<p>R.C.C. Work (AR0410e) : First floor - 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</p>	-	19.23	Sqm
i	Semi-Skilled	0.19230769230769	3.6980769230769	-
ii	Skilled	0.19230769230769	3.6980769230769	-
7	<p>R.C.C. Work (AR0410a) : First floor - 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</p>	-	90.14	Sqm

	i	Semi-Skilled	0.366666666666667	33.0513333333333	-
	ii	Skilled	0.366666666666667	33.0513333333333	-
8		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.	-	86.64	Sqm
	i	Un-Skilled	0.1751	15.170664	-
	ii	Skilled	0.1442	12.493488	-
9		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.	-	99.9025	Sqm
	i	Un-Skilled	0.1236	12.347949	-
	ii	Skilled	0.1442	14.4059405	-

10	<p>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.</p>	-	151.9725	Sqm
i	Un-Skilled	0.2472	37.567602	-
ii	Skilled	0.1648	25.045068	-
11	<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>	-	77.23	Sqm
i	Un-Skilled	0.2268	17.515764	-
ii	Highly-Skilled	0.2268	17.515764	-

12	<p>Flooring (AR0817a) : First 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 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge</p>	-	30.45	Sqm
i	Highly-Skilled	0.34125	10.3910625	-
ii	Un-Skilled	0.34125	10.3910625	-
iii	Semi-Skilled	0.798	24.2991	-
13	<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>	-	342	Sqm
i	Highly-Skilled	0.055376344086022	18.938709677419	-
ii	Un-Skilled	0.055376344086022	18.938709677419	-

14	<p>Other Building Items. (AR1902) : First Floor - 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>	-	123.5	Sqm
i	Un-Skilled	0.05871	7.250685	-
ii	Skilled	0.0515	6.36025	-
15	<p>Painting (AR0921) : First Floor - Finishing wall One Coat with distemper of approved shades on old 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>	-	123.5	Sqm
i	Un-Skilled	0.0412	5.0882	-
ii	Highly-Skilled	0.03399	4.197765	-

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.	-	5.2155	Qntl
i	Un-Skilled	6.3976377952756	33.36687992126	-
ii	Semi-Skilled	1.9685039370079	10.266732283465	-
iii	Skilled	3.9370078740157	20.533464566929	-
iv	Highly-Skilled	3.4448818897638	17.966781496063	-
17	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)	-	40.775625	Sqm
i	Highly-Skilled	0.14112903225806	5.7546244959677	-
ii	Un-Skilled	0.1241935483871	5.0640695564516	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	319.07253383451	462	147411.51063154

1	Skilled	189.64381868941	562	106579.82610345
2	Semi-Skilled	119.88990612282	512	61383.631934884
3	Highly-Skilled	100.23126185695	612	61341.532256453
				Total: 376716.50092633