

ESTIMATION DPR

State	Odisha	District	Jajpur	Block	Rasulpur	Gram Panchayat	Jabara
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Work Code	OD/356/3402/118471/401507/00063435 (Provision of Facility Center at Jabara GP office)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Rasulpur	Proposal Date	-
Date of Commencement	24-11-2025	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	SUCHISMITA BISWAL		

Administrative Approval Details

Approval No.	OD/356/3402/118471/401507/00063435/AS
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Technical Sanction Details

Technical Sanction No.	OD/356/3402/118471/401507/00063435/TS
Fund Sanction No.	19201
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 (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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 direction of the Engineer-in-charge.	-	17.7687	Cum
i	Un-Skilled	0.473534	8.4140835858	-

2	<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>	-	9.27465	Cum
i	Un-Skilled	0.1236	1.14634674	-
3	<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>	-	6.1831	Cum
i	Skilled	0.18	1.112958	-
ii	Un-Skilled	3.9	24.11409	-

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.	-	0.9775	Cum
i	Un-Skilled	2.96	2.8934	-
ii	Skilled	1.05	1.026375	-
iii	Highly-Skilled	0.35	0.342125	-

5	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/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.	-	25.0496	Cum
i	Un-Skilled	2.96	74.146816	-
ii	Skilled	1.05	26.30208	-
iii	Highly-Skilled	0.35	8.76736	-

6	Masonry Brick Work (AR0602bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure having crushing strength not less than 75.00 Kg/cm ² immersing the with dimensional tolerance ± 8 percent immersing 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.	-	1.6246	Cum
i	Un-Skilled	3.1	5.03626	-
ii	Skilled	1.05	1.70583	-
iii	Highly-Skilled	0.35	0.56861	-

7	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.)	-	2.7225	Cum
i	Un-Skilled	1.3333	3.62990925	-
ii	Skilled	0.175	0.4764375	-
iii	Semi-Skilled	0.1323	0.36018675	-

8	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)	-	1.63125	Cum
i	Un-Skilled	1.3333	2.174945625	-
ii	Skilled	0.35	0.5709375	-
iii	Semi-Skilled	0.3073	0.501283125	-

9	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)	-	1.766625	Cum
i	Un-Skilled	1.3333	2.3554411125	-
ii	Skilled	2.34375	4.14052734375	-
iii	Semi-Skilled	2.30105	4.06509245625	-

10	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)	-	3.834875	Cum
i	Un-Skilled	1.3333	5.1130388375	-
ii	Skilled	5.33875	20.47343890625	-
iii	Semi-Skilled	5.29605	20.30968974375	-

11	R.C.C. Work (AR0404Af) : 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 Sun sheds & Chajja)	-	4.98	Sqm
i	Un-Skilled	0.08333125	0.414989625	-
ii	Skilled	0.3423	1.704654	-
iii	Semi-Skilled	0.33963125	1.691363625	-

12	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)	-	7.599384	Cum
i	Un-Skilled	1.3333	10.1322586872	-
ii	Skilled	3.15525	23.977956366	-
iii	Semi-Skilled	3.11255	23.6534626692	-

13	<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>	-	20.61	Qntl
i	Un-Skilled	0.8	16.488	-
ii	Highly-Skilled	0.3	6.183	-
iii	Semi-Skilled	0.044	0.90684	-
14	<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>	-	98.3632	Sqm
i	Un-Skilled	0.12	11.803584	-

	ii	Skilled	0.14	13.770848	-
15		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.	-	150.6932	Sqm
	i	Un-Skilled	0.24	36.166368	-
	ii	Skilled	0.16	24.110912	-
16		Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	-	248.695	Sqm
	i	Highly-Skilled	0.053763440860215	13.370698924731	-
	ii	Un-Skilled	0.053763440860215	13.370698924731	-

17	<p>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)</p>	-	295.78	Sqm
	i Un-Skilled	0.11776344086022	34.832070537634	-
	ii Highly-Skilled	0.10776344086022	31.874270537634	-
18	<p>Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	32.4304	Sqm
	i Un-Skilled	0.216	7.0049664	-

	ii	Highly-Skilled	0.216	7.0049664	-
	iii	Semi-Skilled	0.55	17.83672	-
19		Flooring (AR0817af) : Fixing Marble Tiles of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Marble Tiles of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm 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 Marble tiles including rubbing and polishing complete including cost of precast tiles.	-	4.9785	Sqm
	i	Highly-Skilled	0.325	1.6180125	-
	ii	Un-Skilled	0.325	1.6180125	-
	iii	Semi-Skilled	0.76	3.78366	-

20	<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding 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>	-	46.7376	Sqm
i	Un-Skilled	0.325	15.18972	-
ii	Highly-Skilled	0.325	15.18972	-

21	<p>Flooring (AR0817aq) : 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) - 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(For repair and maintenance) .</p>	-	11.1216	Sqm
i	Highly-Skilled	0.325	3.61452	-
ii	Un-Skilled	0.325	3.61452	-
iii	Semi-Skilled	0.76	8.452416	-

22	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	17.65245	Sqm
i	Highly-Skilled	0.18817204301075	3.3216975806452	-
ii	Un-Skilled	0.17204301075269	3.0369806451613	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	282.69650047053	462	130605.78321738
1	Skilled	119.372954616	562	67087.600494192
2	Highly-Skilled	91.854980943011	612	56215.248337123
3	Semi-Skilled	81.5607143692	512	41759.08575703

Total: 295667.71780573