

ESTIMATION DPR

State	Odisha	District	Jajpur	Block	Korei	Gram Panchayat	Taharpur
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Work Code	OD/356/3401/118459/400759/00054088 (construction of facility center at Taharpur g.p office)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Korei	Proposal Date	-
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	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	35908
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	-	29.70998656	Cum

	i	Un-Skilled	0.516	15.33035306496	-
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.	-	4.2497287104	Cum
	i	Un-Skilled	0.1236	0.52526646860544	-
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.	-	4.2497287104	Cum
	i	Skilled	0.18	0.764951167872	-
	ii	Un-Skilled	3.9	16.57394197056	-

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.	-	21.02793674944	Cum
i	Un-Skilled	2.96	62.242692778342	-
ii	Skilled	1.05	22.079333586912	-
iii	Highly-Skilled	0.35	7.359777862304	-

5	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.)	-	3.6767188937088	Cum
i	Un-Skilled	1.3333	4.9021693009819	-
ii	Skilled	0.175	0.64342580639904	-
iii	Semi-Skilled	0.1323	0.48642990963767	-

6	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)	-	2.9547924699744	Cum
i	Un-Skilled	1.3333	3.9396248002169	-
ii	Skilled	0.35	1.034177364491	-
iii	Semi-Skilled	0.3073	0.90800772602313	-

7	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)	-	1.76048802032	Cum
i	Un-Skilled	1.3333	2.3472586774927	-
ii	Skilled	2.34375	4.126143797625	-
iii	Semi-Skilled	2.30105	4.0509709591573	-

8	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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>	-	18.06130737568	Cum
i	Un-Skilled	2.96	53.461469832013	-
ii	Skilled	1.05	18.964372744464	-
iii	Highly-Skilled	0.35	6.321457581488	-

9	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)	-	4.5348953950944	Cum
i	Un-Skilled	1.3333	6.0463760302794	-
ii	Skilled	5.33875	24.21067279056	-
iii	Semi-Skilled	5.29605	24.01703275719	-

10	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)	-	9.761013336	Cum
i	Un-Skilled	1.3333	13.014359080889	-
ii	Skilled	3.15525	30.798437328414	-
iii	Semi-Skilled	3.11255	30.381642058967	-

11	<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>	-	22.68	Qntl
i	Un-Skilled	0.8	18.144	-
ii	Highly-Skilled	0.3	6.804	-
iii	Semi-Skilled	0.044	0.99792	-
12	<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>	-	95.539122625	Sqm
i	Un-Skilled	0.24	22.92938943	-

	ii	Skilled	0.16	15.28625962	-
13		Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	91.149455875	Sqm
	i	Un-Skilled	0.12	10.937934705	-
	ii	Skilled	0.14	12.7609238225	-
14		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)	-	17.8838275	Sqm

	i	Un-Skilled	0.08333125	1.4902817003594	-
	ii	Skilled	0.3423	6.12163415325	-
	iii	Semi-Skilled	0.33963125	6.0739066886094	-
15		Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - 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)	-	35.767655	Sqm
	i	Un-Skilled	0.216	7.72581348	-
	ii	Highly-Skilled	0.216	7.72581348	-

16	Flooring (AR0817aa) : 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) - 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.	-	4.8216657	Sqm
i	Highly-Skilled	0.325	1.5670413525	-
ii	Un-Skilled	0.325	1.5670413525	-
iii	Semi-Skilled	0.76	3.664465932	-

17	Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	14.39624888	Sqm
i	Un-Skilled	0.216	3.10958975808	-
ii	Highly-Skilled	0.216	3.10958975808	-
iii	Semi-Skilled	0.55	7.917936884	-

18	<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>	-	43.478604	Sqm
i	Un-Skilled	0.325	14.1305463	-
ii	Highly-Skilled	0.325	14.1305463	-
19	<p>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.</p>	-	229.6097645	Sqm

	i	Highly-Skilled	0.053763440860215	12.344610994624	-
	ii	Un-Skilled	0.053763440860215	12.344610994624	-
20		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.	-	6.49	Qntl
	i	Un-Skilled	6.3976377952756	41.520669291339	-
	ii	Semi-Skilled	1.9685039370079	12.775590551181	-
	iii	Skilled	3.9370078740157	25.551181102362	-
	iv	Highly-Skilled	3.4448818897638	22.357283464567	-

21	<p>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	95.539122625	Sqm
i	Highly-Skilled	0.10776344086022	10.295624590836	-
ii	Un-Skilled	0.11776344086022	11.251015817086	-
22	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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>	-	91.149455875	Sqm
i	Un-Skilled	0.11776344086022	10.734073556376	-
ii	Highly-Skilled	0.10776344086022	9.8225789976263	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	334.2684783897	462	154432.03701604
1	Skilled	162.34151328485	562	91235.930466085
2	Highly-Skilled	101.83832438202	612	62325.054521799
3	Semi-Skilled	91.273903466765	512	46732.238574984
				Total: 354725.26057891