

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Khairaput	Gram Panchayat	Govindapalli

Work Code	OD/364/3481/119952/430374/00038295 (Provision of Facility Centre at Govindapally)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Khairaput	Proposal Date	-
Date of Commencement	01-08-2025	Date of Completion	22-09-2025
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	SAMIR DAS		

Administrative Approval Details

Approval No.	OD/364/3481/119952/430374/00038295/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3481/119952/430374/00038295/TS
Fund Sanction No.	28001
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	-	32.022	Cum

	i	Un-Skilled	0.516	16.523352	-
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.	-	28.37488	Cum
	i	Un-Skilled	0.1236	3.507135168	-
3		Concrete (AR0304a) : Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Hand 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.	-	27.08231	Cum
	i	Un-Skilled	3.9	105.621009	-
	ii	Skilled	0.18	4.8748158	-

4	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.)	-	6.92436	Cum
i	Un-Skilled	1.3333	9.232249188	-
ii	Skilled	0.175	1.211763	-
iii	Semi-Skilled	0.1323	0.916092828	-

5	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)	-	2.327071	Cum
i	Un-Skilled	1.3333	3.1026837643	-
ii	Skilled	0.35	0.81447485	-
iii	Semi-Skilled	0.3073	0.7151089183	-

6	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)	-	4.890467	Cum
i	Un-Skilled	1.3333	6.5204596511	-
ii	Skilled	5.33875	26.10898069625	-
iii	Semi-Skilled	5.29605	25.90015775535	-

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)	-	1.72523	Cum
i	Un-Skilled	1.3333	2.300249159	-
ii	Skilled	2.34375	4.0435078125	-
iii	Semi-Skilled	2.30105	3.9698404915	-

8	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)	-	8.18928	Cum
i	Un-Skilled	1.3333	10.918767024	-
ii	Skilled	3.15525	25.83922572	-
iii	Semi-Skilled	3.11255	25.489543464	-

9	<p>Masonry Brick Work (AR0602d) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth - Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in foundation and plinth 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>	-	22.107701	Cum
	i Un-Skilled	2.96	65.43879496	-
	ii Skilled	1.05	23.21308605	-
	iii Highly-Skilled	0.35	7.73769535	-
10	<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>	-	102.48	Sqm
	i Un-Skilled	0.12	12.2976	-

	ii	Skilled	0.14	14.3472	-
11		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.	-	129.18	Sqm
	i	Un-Skilled	0.24	31.0032	-
	ii	Skilled	0.16	20.6688	-
12		Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over stone 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.	-	20.52	Sqm
	i	Un-Skilled	0.24	4.9248	-
	ii	Skilled	0.16	3.2832	-

13	<p>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)</p>	-	79.1415	Sqm
i	Un-Skilled	0.216	17.094564	-
ii	Highly-Skilled	0.216	17.094564	-
14	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)</p>	-	191.7245	Sqm
i	Highly-Skilled	0.052	9.969674	-
ii	Un-Skilled	0.062	11.886919	-

15	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.	-	2.091	Qntl
i	Un-Skilled	6.3976377952756	13.377460629921	-
ii	Semi-Skilled	1.9685039370079	4.1161417322835	-
iii	Skilled	3.9370078740157	8.2322834645669	-
iv	Highly-Skilled	3.4448818897638	7.2032480314961	-
16	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-	18.045	Sqm
i	Highly-Skilled	0.13440860215054	2.4254032258065	-
ii	Un-Skilled	0.11827956989247	2.1343548387097	-

17	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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>	-	77.064	Sqm
	i Un-Skilled	0.36	27.74304	-
	ii Highly-Skilled	0.1	7.7064	-
18	<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>	-	24.046	Qntl
	i Un-Skilled	0.8	19.2368	-
	ii Highly-Skilled	0.3	7.2138	-

	iii	Semi-Skilled	0.044	1.058024	-
19		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)	-	123	Sqm
	i	Un-Skilled	0.11776344086022	14.484903225806	-
	ii	Highly-Skilled	0.10776344086022	13.254903225806	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	377.34834160884	462	174334.93382328
1	Skilled	132.63733739332	562	74542.183615044
2	Semi-Skilled	62.164909189433	512	31828.43350499
3	Highly-Skilled	72.605687833109	612	44434.680953863
Total:				325140.23189718