

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Joda	<b>Gram Panchayat</b>	Chamakapur

<b>Work Code</b>	OD/361/3451/119442/385424/00047801 (PROVISION OF FACILITY CENTRE AT CHAMAKPUR GP HEAD QUARTER)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Joda	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	07-02-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Provision of Facilities at GP Head Quarter
<b>Project Sub-Category</b>	GP Facility Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>	DURGA MAHALI		

### Administrative Approval Details

<b>Approval No.</b>	OD/361/3451/119442/385424/00047801/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/361/3451/119442/385424/00047801/TS
<b>Fund Sanction No.</b>	27859
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	32.176407	Cum

	i	Un-Skilled	0.516	16.603026012	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	36.34371	Cum
	i	Un-Skilled	0.1236	4.492082556	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	11.55518	Cum
	i	Skilled	0.18	2.0799324	-
	ii	Un-Skilled	3.9	45.065202	-

4	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <sup>2</sup> 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.	-	13.38256	Cum
i	Un-Skilled	2.96	39.6123776	-
ii	Skilled	1.05	14.051688	-
iii	Highly-Skilled	0.35	4.683896	-

5	<b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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 <sup>2</sup> 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.	-	21.48655	Cum
i	Un-Skilled	2.96	63.600188	-
ii	Skilled	1.05	22.5608775	-
iii	Highly-Skilled	0.35	7.5202925	-

6	<b>R.C.C. Work (AR0404Aa) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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.)	-	3.002744	Cum
i	Un-Skilled	1.3333	4.0035585752	-
ii	Skilled	0.175	0.5254802	-
iii	Semi-Skilled	0.1323	0.3972630312	-

7	<b>R.C.C. Work (AR0404Ab) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	3.16425	Cum
i	Un-Skilled	1.3333	4.218894525	-
ii	Skilled	0.35	1.1074875	-
iii	Semi-Skilled	0.3073	0.972374025	-

8	<b>R.C.C. Work (AR0404Ac) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	4.55635	Cum
i	Un-Skilled	1.3333	6.074981455	-
ii	Skilled	5.33875	24.3252135625	-
iii	Semi-Skilled	5.29605	24.1306574175	-

9	<b>R.C.C. Work (AR0404Ad) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	1.30125	Cum
i	Un-Skilled	1.3333	1.734956625	-
ii	Skilled	2.34375	3.0498046875	-
iii	Semi-Skilled	2.30105	2.9942413125	-

10	<b>R.C.C. Work (AR0404Bf) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; downgrade size black hard crusher broken granite chips -</b> Reinforced cement concrete 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)(Nominal mix as per IS-456, Table-9).	-	5.955	Sqm
i	Un-Skilled	0.08333125	0.49623759375	-
ii	Skilled	0.3423	2.0383965	-
iii	Semi-Skilled	0.33963125	2.02250409375	-

11	<b>R.C.C. Work (AR0404Bg) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). -</b> Reinforced cement concrete 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).	-	8.3793	Cum
i	Un-Skilled	1.3333	11.17212069	-
ii	Skilled	3.15525	26.438786325	-
iii	Semi-Skilled	3.11255	26.080990215	-

12	<p><b>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 -</b>  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>	-	16	Qntl
i	Un-Skilled	0.8	12.8	-
ii	Highly-Skilled	0.3	4.8	-
iii	Semi-Skilled	0.044	0.704	-
13	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	91.2934	Sqm
i	Un-Skilled	0.24	21.910416	-

	ii	Skilled	0.16	14.606944	-
14		<b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	126.4314	Sqm
	i	Un-Skilled	0.12	15.171768	-
	ii	Skilled	0.14	17.700396	-
15		<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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 &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b>	-	73.9108	Sqm
	i	Un-Skilled	0.17	12.564836	-
	ii	Skilled	0.14	10.347512	-

16	<p><b>Flooring (AR0817aa)</b>  <b>: 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) -</b>          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>	-	66.73	Sqm	
	i	Highly-Skilled	0.325	21.68725	-
	ii	Un-Skilled	0.325	21.68725	-
	iii	Semi-Skilled	0.76	50.7148	-
17	<p><b>Iron Work (AR1704) :</b>  <b>Iron Doors and windows fixing -</b>          Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	2.02	Qntl	
	i	Un-Skilled	6.3976377952756	12.923228346457	-

	ii	Semi-Skilled	1.9685039370079	3.9763779527559	-
	iii	Skilled	3.9370078740157	7.9527559055118	-
	iv	Highly-Skilled	3.4448818897638	6.9586614173228	-
18		<b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	119.93	Sqm
	i	Highly-Skilled	0.053763440860215	6.4478494623656	-
	ii	Un-Skilled	0.053763440860215	6.4478494623656	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	300.57897344077	462	138867.48572964
1	Skilled	146.78527458051	562	82493.324314248
2	Highly-Skilled	52.097949379688	612	31883.945020369
3	Semi-Skilled	111.99320804771	512	57340.522520425

**Total: 310585.27758468**