

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Baripada	<b>Gram Panchayat</b>	Budhikhamari

<b>Work Code</b>	OD/365/3490/120101/390459/00013465 (CONSTRUCTION OF FACILITY CENTRE AT GP OFFICE BUDHIKHAMARI)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2020-21	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Baripada	<b>Proposal Date</b>	04-02-2021
<b>Date of Commencement</b>	08-02-2025	<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>	CHAPALA CHANDA PRADHAN		

### Administrative Approval Details

<b>Approval No.</b>	OD/365/3490/120101/390459/00013465/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/365/3490/120101/390459/00013465/TS
<b>Fund Sanction No.</b>	2306/PR&DW
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</b>	-	43.008688512	Cum

	i	Un-Skilled	0.43	18.49373606016	-
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.	-	29.91538530048	Cum
	i	Un-Skilled	0.1236	3.6975416231393	-
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.	-	9.48396459648	Cum
	i	Skilled	0.18	1.7071136273664	-
	ii	Un-Skilled	3.9	36.987461926272	-

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.	-	10.720067956	Cum
i	Un-Skilled	2.82	30.23059163592	-
ii	Skilled	1.05	11.2560713538	-
iii	Highly-Skilled	0.35	3.7520237846	-

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.	-	30.6384377984	Cum
i	Un-Skilled	2.82	86.400394591488	-
ii	Skilled	1.05	32.17035968832	-
iii	Highly-Skilled	0.35	10.72345322944	-

6	<b>R.C.C. Work (AR0405Ad) :</b> <b>Reinforced cement concrete work of M-25 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-25 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)	-	21.948723281366	Cum
i	Un-Skilled	1.3333	29.264232751045	-
ii	Skilled	2.34375	51.442320190702	-
iii	Semi-Skilled	2.30105	50.505109706587	-

7	<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.	-	17.552	Qntl
i	Un-Skilled	0.8	14.0416	-
ii	Highly-Skilled	0.3	5.2656	-
iii	Semi-Skilled	0.044	0.772288	-

8	<p><b>Flooring (AR0817b) :</b>  <b>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) -</b> 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>	-	27.8709	Sqm
i	Un-Skilled	0.325	9.0580425	-
ii	Highly-Skilled	0.325	9.0580425	-

9	<p><b>Flooring (AR0816) :</b>  <b>Fixing ceramic Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in floor -</b> 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 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  ceramic tiles including  rubbing and polishing,  cost of precast tiles  complete as per  direction of Engineer-in-  charge.</p>	-	40.87732	Sqm
i	Un-Skilled	0.216	8.82950112	-
ii	Highly-Skilled	0.216	8.82950112	-
iii	Semi-Skilled	0.55	22.482526	-

10	<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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	71.6746645	Sqm
i	Un-Skilled	0.24	17.20191948	-
ii	Skilled	0.16	11.46794632	-
11	<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b> - 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.	-	49.052784	Sqm
i	Un-Skilled	0.12	5.88633408	-
ii	Skilled	0.14	6.86738976	-

12	<p><b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork -</b> 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.</p>	-	141.21256	Sqm
i	Highly-Skilled	0.053763440860215	7.5920731182796	-
ii	Un-Skilled	0.053763440860215	7.5920731182796	-
13	<p><b>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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>	-	49.052784	Sqm
i	Un-Skilled	0.11776344086022	5.7766246276129	-
ii	Highly-Skilled	0.10776344086022	5.2860967876129	-

14	<b>Painting (AR0920) :</b> <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b> Finishing wall two coats with plastic emulsion paint 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)	-	49.052784	Sqm
i	Highly-Skilled	0.054	2.648850336	-
ii	Un-Skilled	0.064	3.139378176	-
15	<b>Iron Work (AR1704) :</b> <b>Iron Doors and windows fixing -</b> 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.	-	8.5	Qntl
i	Un-Skilled	6.3976377952756	54.379921259843	-
ii	Semi-Skilled	1.9685039370079	16.732283464567	-
iii	Skilled	3.9370078740157	33.464566929134	-
iv	Highly-Skilled	3.4448818897638	29.281496062992	-

<b>Sl.No.</b>	<b>Labour Type</b>	<b>Qty Unit</b>	<b>Rate</b>	<b>Amount</b>
0	Un-Skilled	330.97935294976	452	149602.66753329
1	Skilled	148.37576786932	552	81903.423863866
2	Highly-Skilled	82.437136938925	602	49627.156437233
3	Semi-Skilled	90.492207171154	502	45427.087999919
				<b>Total: 326560.33583431</b>