

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Bangomunda	<b>Gram Panchayat</b>	Jurabandh

<b>Work Code</b>	OD/345/3286/115815/421218/00022666 (Provision Of Facility Centre At Jurabandh GP Hqrs)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bangomunda	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	25-08-2025	<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>	SINGRAI MURMU		

### Administrative Approval Details

<b>Approval No.</b>	OD/345/3286/115815/421218/00022666/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/345/3286/115815/421218/00022666/TS
<b>Fund Sanction No.</b>	13738
<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	-	28.722296576	Cum

	i	Un-Skilled	0.516	14.820705033216	-
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.	-	28.3132604	Cum
	i	Un-Skilled	0.1236	3.49951898544	-
3		<b>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b> Cement concrete (1:4:8) 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.	-	14.2610484	Cum
	i	Un-Skilled	3.9	55.61808876	-
	ii	Skilled	0.18	2.566988712	-

4	<p><b>Masonry Stone Work (AR0717) : Laterite stone masonry</b> - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	-	13.9884992	Cum
i	Un-Skilled	1.21	16.926084032	-
ii	Skilled	1.05	14.68792416	-
iii	Highly-Skilled	2.295	32.103605664	-
iv	Semi-Skilled	1.41	19.723783872	-
5	<p><b>R.C.C. Work (AR0404A) : 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 &amp; 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	20.678944932	Cum

	i	Un-Skilled	1.3333	27.571237277836	-
	ii	Skilled	0.1	2.0678944932	-
	iii	Semi-Skilled	0.0573	1.1849035446036	-
6		<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.	-	18.603	Qntl
	i	Un-Skilled	0.8	14.8824	-
	ii	Highly-Skilled	0.3	5.5809	-
	iii	Semi-Skilled	0.044	0.818532	-

7	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	46.8509829	Sqm
i	Semi-Skilled	0.05	2.342549145	-
ii	Skilled	0.05	2.342549145	-
8	<p><b>R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm</p>	-	12.913517	Sqm
i	Semi-Skilled	0.16025641025641	2.0694738782051	-
ii	Skilled	0.16025641025641	2.0694738782051	-

9	<p><b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</b></p>	-	40.9237715	Sqm
i	Semi-Skilled	0.6547619047619	26.795326577381	-
ii	Skilled	0.6547619047619	26.795326577381	-
10	<p><b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b></p>	-	64.17274725	Sqm
i	Semi-Skilled	0.305555555555556	19.6083394375	-
ii	Skilled	0.305555555555556	19.6083394375	-

11	<p><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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	24.098623284	Cum
i	Un-Skilled	2.96	71.33192492064	-
ii	Skilled	1.05	25.3035544482	-
iii	Highly-Skilled	0.35	8.4345181494	-
12	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b> 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	95.968799	Sqm
i	Un-Skilled	0.12	11.51625588	-

	ii	Skilled	0.14	13.43563186	-
13		<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.	-	168.618945	Sqm
	i	Un-Skilled	0.24	40.4685468	-
	ii	Skilled	0.16	26.9790312	-
14		<b>Flooring (AR0817aa) : Fifth Floor -</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.	-	2.29934925	Sqm
	i	Highly-Skilled	0.4147915078125	0.95375054239504	-
	ii	Un-Skilled	0.4147915078125	0.95375054239504	-

	iii	Semi-Skilled	0.9699739875	2.2303089606776	-
15		<b>Other Building Items. (AR1901B) :</b> <b>Vitrified Tile</b> <b>600mmx600mm Plain Ivory</b> - 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)	-	53.34583163	Sqm
	i	Un-Skilled	0.216	11.52269963208	-
	ii	Highly-Skilled	0.216	11.52269963208	-

16	<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>	-	29.60261192	Sqm
	i Un-Skilled	0.325	9.620848874	-
	ii Highly-Skilled	0.325	9.620848874	-
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>	-	5.6175	Qntl
	i Un-Skilled	6.3976377952756	35.938730314961	-

	ii	Semi-Skilled	1.9685039370079	11.058070866142	-
	iii	Skilled	3.9370078740157	22.116141732283	-
	iv	Highly-Skilled	3.4448818897638	19.351624015748	-
18		<b>Painting (AR0920) : 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)	-	169.176363	Sqm
	i	Highly-Skilled	0.054	9.135523602	-
	ii	Un-Skilled	0.064	10.827287232	-
19		<b>Painting (AR0918Ai) : Finishing wall one coat with weather coat -</b> Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	96.526217	Sqm
	i	Un-Skilled	0.043	4.150627331	-

ii	Highly-Skilled	0.036	3.474943812	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	329.64870561557	462	152297.70199439
1	Skilled	157.97285564377	562	88780.744871798
2	Highly-Skilled	100.17841429162	612	61309.189546473
3	Semi-Skilled	85.831288281509	512	43945.619600133
				<b>Total: 346333.2560128</b>