

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nayagarh	<b>Block</b>	Khandapara	<b>Gram Panchayat</b>	Salajharia

<b>Work Code</b>	OD/367/3526/120651/406036/00052690 (Development of Majhisahi Community Centre)
<b>Project Category</b>	Building

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Khandapara	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	24-01-2026	<b>Date of Completion</b>	31-01-2026
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Community Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>	ARUN KUMAR MOHANTY		

### Administrative Approval Details

<b>Approval No.</b>	OD/367/3526/120651/406036/00052690/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/367/3526/120651/406036/00052690/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	500000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><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></p> <p>Earth work in hard soil or gravelly soil foundation &amp; 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</p>	-	21.15225	Cum

	i	Un-Skilled	0.516	10.914561	-
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.	-	14.815875	Cum
	i	Un-Skilled	0.1236	1.83124215	-
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.	-	4.694875	Cum
	i	Skilled	0.18	0.8450775	-
	ii	Un-Skilled	3.9	18.3100125	-

4	<p><b>Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. -</b>  Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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.</p>	-	11.9375	Cum
i	Un-Skilled	3.17	37.841875	-
ii	Skilled	1.41	16.831875	-
iii	Highly-Skilled	0.35	4.178125	-
5	<p><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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	7.83	Cum
i	Un-Skilled	2.96	23.1768	-

	ii	Skilled	1.05	8.2215	-
	iii	Highly-Skilled	0.35	2.7405	-
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.)	-	2.592	Cum
	i	Un-Skilled	1.3333	3.4559136	-
	ii	Skilled	0.175	0.4536	-
	iii	Semi-Skilled	0.1323	0.3429216	-

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)	-	1.44375	Cum
i	Un-Skilled	1.3333	1.924951875	-
ii	Skilled	0.35	0.5053125	-
iii	Semi-Skilled	0.3073	0.443664375	-

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)	-	4.6125	Cum
i	Un-Skilled	1.3333	6.14984625	-
ii	Skilled	5.33875	24.624984375	-
iii	Semi-Skilled	5.29605	24.428030625	-

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)	-	0.97705	Cum
i	Un-Skilled	1.3333	1.302700765	-
ii	Skilled	2.34375	2.2899609375	-
iii	Semi-Skilled	2.30105	2.2482409025	-

10	<b>R.C.C. Work (AR0404Ag) :</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 Roof slab, landing, balcony, sun shade)	-	3.162	Cum
i	Un-Skilled	1.3333	4.2158946	-
ii	Skilled	3.15525	9.9769005	-
iii	Semi-Skilled	3.11255	9.8418831	-

11	<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>	-	12.5	Qntl
i	Un-Skilled	0.8	10	-
ii	Highly-Skilled	0.3	3.75	-
iii	Semi-Skilled	0.044	0.55	-
12	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. -</b> 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	26.35	Sqm
i	Un-Skilled	0.24	6.324	-

	ii	Skilled	0.16	4.216	-
13		<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>	-	8.8825	Cum
	i	Un-Skilled	2.96	26.2922	-
	ii	Skilled	1.05	9.326625	-
	iii	Highly-Skilled	0.35	3.108875	-
14		<p><b>Iron Work (AR1704) : 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>	-	1.7	Qntl

	i	Un-Skilled	6.3976377952756	10.875984251969	-
	ii	Semi-Skilled	1.9685039370079	3.3464566929134	-
	iii	Skilled	3.9370078740157	6.6929133858268	-
	iv	Highly-Skilled	3.4448818897638	5.8562992125984	-
15		<b>Flooring (AR0802ii) :</b> <b>2.5 cm thick A.S.</b> <b>flooring in C.C (1:2:4)</b> <b>with 12 mm size HG</b> <b>Hand broken chips -</b> 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	23.95	Sqm
	i	Un-Skilled	0.36	8.622	-
	ii	Highly-Skilled	0.13	3.1135	-
16		<b>Plastering (AR1004) :</b> <b>12mm thick cement</b> <b>plster (1:6) over Brick</b> <b>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.	-	53.6725	Sqm

	i	Un-Skilled	0.12	6.4407	-
	ii	Skilled	0.14	7.51415	-
17		<b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b>	-	49.4725	Sqm
	i	Un-Skilled	0.24	11.8734	-
	ii	Skilled	0.16	7.9156	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	189.55208199197	462	87573.061880289
1	Skilled	99.414499198327	562	55870.94854946
2	Highly-Skilled	22.747299212598	612	13921.34711811
3	Semi-Skilled	41.201197295413	512	21095.013015252
<b>Total: 178460.37056311</b>				