

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jharsuguda	<b>Block</b>	Kolabira	<b>Gram Panchayat</b>	Paramanpur

<b>Work Code</b>	OD/357/3406/118544/381252/00048726 ( Improvement/Completion of Market complex at Patrapali near Weekly market)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kolabira	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	18-12-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	NIHAR RANJAN NAIK		

### Administrative Approval Details

<b>Approval No.</b>	OD/357/3406/118544/381252/00048726/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/357/3406/118544/381252/00048726/TS
<b>Fund Sanction No.</b>	26956
<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
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1	<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.)	-	8.74245804	Cum
i	Un-Skilled	1.3333	11.656319304732	-
ii	Skilled	0.175	1.529930157	-
iii	Semi-Skilled	0.1323	1.156627198692	-

2	<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)	-	2.57498254464	Cum
i	Un-Skilled	1.3333	3.4332242267685	-
ii	Skilled	0.35	0.901243890624	-
iii	Semi-Skilled	0.3073	0.79129213596787	-

3	<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)	-	3.3068642208	Cum
i	Un-Skilled	1.3333	4.4090420655926	-
ii	Skilled	5.33875	17.654521358796	-
iii	Semi-Skilled	5.29605	17.513318256568	-

4	<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)	-	4.85421027168	Cum
i	Un-Skilled	1.3333	6.4721185552309	-
ii	Skilled	3.15525	15.316246959718	-
iii	Semi-Skilled	3.11255	15.108972181118	-

5	<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>  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>	-	25.1453184	Cum
i	Un-Skilled	0.516	12.9749842944	-
6	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	13.555818496	Cum
i	Un-Skilled	0.1236	1.6754991661056	-

7	<p><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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	11.528335616	Cum
	i Skilled	0.18	2.07510041088	-
	ii Un-Skilled	3.9	44.9605089024	-
8	<p><b>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	4.751913	Cum
	i Un-Skilled	2.96	14.06566248	-

	ii	Skilled	1.05	4.98950865	-
	iii	Highly-Skilled	0.35	1.66316955	-
9		<b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	2.928960384224	Cum
	i	Un-Skilled	2.96	8.669722737303	-
	ii	Skilled	1.05	3.0754084034352	-
	iii	Highly-Skilled	0.35	1.0251361344784	-

10	<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>	-	18.26	Qntl
i	Un-Skilled	0.8	14.608	-
ii	Highly-Skilled	0.3	5.478	-
iii	Semi-Skilled	0.044	0.80344	-
11	<p><b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 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.</p>	-	76.10335051	Sqm
i	Un-Skilled	0.17	12.9375695867	-

	ii	Skilled	0.14	10.6544690714	-
12		<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>	-	18.952212	Sqm
	i	Un-Skilled	0.12	2.27426544	-
	ii	Skilled	0.14	2.65330968	-
13		<b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</b>	-	43.3671204	Sqm
	i	Un-Skilled	0.36	15.612163344	-
	ii	Highly-Skilled	0.13	5.637725652	-

14	<b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</b> - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	95.05	Sqm
i	Highly-Skilled	0.053763440860215	5.1102150537634	-
ii	Un-Skilled	0.053763440860215	5.1102150537634	-
15	<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.	-	95.05	Sqm
i	Un-Skilled	0.043	4.08715	-
ii	Highly-Skilled	0.036	3.4218	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	162.946445157	462	75281.257662532
1	Skilled	58.849738581854	562	33073.553083002

2	Semi-Skilled	35.373649772345	512	18111.308683441
3	Highly-Skilled	22.336046390242	612	13669.660390828
				<b>Total: 140135.7798198</b>