

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Lanjigarh	Gram Panchayat	Pandapadar

Work Code	OD/358/3418/118806/423074/00022625 (Construction Of Market Complex At Pahadpadar)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Lanjigarh	Proposal Date	-
Date of Commencement	10-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant	LALINDRA KISHAN		

Administrative Approval Details

Approval No.	OD/358/3418/118806/423074/00022625/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3418/118806/423074/00022625/TS
Fund Sanction No.	32
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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</p>	-	25.5696	Cum

	i	Un-Skilled	0.516	13.1939136	-
2		Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.	-	32.0652	Cum
	i	Un-Skilled	0.1236	3.96325872	-
3		Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	9.4566	Cum
	i	Skilled	0.18	1.702188	-
	ii	Un-Skilled	3.9	36.88074	-

4	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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.)	-	6.521675	Cum
i	Un-Skilled	1.3333	8.6953492775	-
ii	Skilled	0.175	1.141293125	-
iii	Semi-Skilled	0.1323	0.8628176025	-

5	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	2.09576	Cum
i	Un-Skilled	1.3333	2.794276808	-
ii	Skilled	5.33875	11.1887387	-
iii	Semi-Skilled	5.29605	11.099249748	-

6	R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	3.082345	Cum
i	Un-Skilled	1.3333	4.1096905885	-
ii	Skilled	2.34375	7.22424609375	-
iii	Semi-Skilled	2.30105	7.09262996225	-

7	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	8.049375	Cum
i	Un-Skilled	1.3333	10.7322316875	-
ii	Skilled	3.15525	25.39779046875	-
iii	Semi-Skilled	3.11255	25.05408215625	-

8	<p>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 - 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>	-	13.734	Qntl
i	Un-Skilled	0.8	10.9872	-
ii	Highly-Skilled	0.3	4.1202	-
iii	Semi-Skilled	0.044	0.604296	-
9	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/cm² 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.</p>	-	22.933935	Cum

	i	Un-Skilled	2.96	67.8844476	-
	ii	Skilled	1.05	24.08063175	-
	iii	Highly-Skilled	0.35	8.02687725	-
10		<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/cm² 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.</p>	-	20.4309	Cum
	i	Un-Skilled	2.96	60.475464	-
	ii	Skilled	1.05	21.452445	-
	iii	Highly-Skilled	0.35	7.150815	-

11	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	87.255	Sqm
i	Un-Skilled	0.12	10.4706	-
ii	Skilled	0.14	12.2157	-
12	<p>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 & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	266.277	Sqm
i	Un-Skilled	0.24	63.90648	-
ii	Skilled	0.16	42.60432	-

13	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - 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)</p>	-	48.282	Sqm
i	Un-Skilled	0.216	10.428912	-
ii	Highly-Skilled	0.216	10.428912	-
14	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.</p>	-	407.4635	Sqm
i	Highly-Skilled	0.053763440860215	21.906639784946	-
ii	Un-Skilled	0.053763440860215	21.906639784946	-

15	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - 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)	-	87.26	Sqm
i	Un-Skilled	0.11776344086022	10.276037849462	-
ii	Highly-Skilled	0.10776344086022	9.4034378494624	-
16	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - 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)	-	281.9235	Sqm
i	Highly-Skilled	0.054	15.223869	-
ii	Un-Skilled	0.064	18.043104	-

17	Iron Work (AR1704) : Iron Doors and windows fixing - 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.	-	5.292	Qntl
i	Un-Skilled	6.3976377952756	33.856299212598	-
ii	Semi-Skilled	1.9685039370079	10.417322834646	-
iii	Skilled	3.9370078740157	20.834645669291	-
iv	Highly-Skilled	3.4448818897638	18.23031496063	-
18	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	29.7675	Sqm
i	Highly-Skilled	0.13440860215054	4.0010080645161	-
ii	Un-Skilled	0.11827956989247	3.5208870967742	-

19	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.</p>	-	0.6978	Cum
i	Un-Skilled	4.6	3.20988	-
ii	Skilled	0.68	0.474504	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	395.33541222528	462	182644.96044808
1	Skilled	168.31650280679	562	94593.874577417
2	Semi-Skilled	55.130398303646	512	28226.763931467
3	Highly-Skilled	98.492073909555	612	60277.149232647
Total:				365742.74818961