

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Kokasara	Gram Panchayat	Badapodaguda

Work Code	OD/358/3417/118769/424074/00022613 (Construction Of Market Complex At Bhaliajore)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kokasara	Proposal Date	-
Date of Commencement	24-10-2025	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	Ajay Kumar Senapati		

### Administrative Approval Details

Approval No.	OD/358/3417/118769/424074/00022613/AS
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### Technical Sanction Details

Technical Sanction No.	OD/358/3417/118769/424074/00022613/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><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>	-	32.436	Cum

	i	Un-Skilled	0.516	16.736976	-
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.	-	37.317	Cum
	i	Un-Skilled	0.1236	4.6123812	-
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.	-	8.947	Cum
	i	Skilled	0.18	1.61046	-
	ii	Un-Skilled	3.9	34.8933	-

4	<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>	-	260.515	Sqm
i	Highly-Skilled	0.053763440860215	14.006182795699	-
ii	Un-Skilled	0.053763440860215	14.006182795699	-
5	<p><b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) -</b> Finishing wall two coats with distemper 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)</p>	-	152.55	Sqm
i	Highly-Skilled	0.052	7.9326	-
ii	Un-Skilled	0.062	9.4581	-

6	<p><b>Flooring (AR0802i) :</b>  <b>2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b>  - 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.</p>	-	47.7875	Sqm
i	Un-Skilled	0.36	17.2035	-
ii	Highly-Skilled	0.13	6.212375	-
7	<p><b>Plastering (AR1004) :</b>  <b>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>	-	128.85	Sqm
i	Un-Skilled	0.12	15.462	-
ii	Skilled	0.14	18.039	-

8	<p><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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	133.65	Sqm
i	Un-Skilled	0.24	32.076	-
ii	Skilled	0.16	21.384	-
9	<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>	-	28	Qntl
i	Un-Skilled	0.8	22.4	-
ii	Highly-Skilled	0.3	8.4	-

	iii	Semi-Skilled	0.044	1.232	-
10		<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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</b>	-	43.825	Sqm
	i	Semi-Skilled	0.05	2.19125	-
	ii	Skilled	0.05	2.19125	-
11		<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>	-	66.9675	Sqm
	i	Semi-Skilled	0.6547619047619	43.847767857143	-
	ii	Skilled	0.6547619047619	43.847767857143	-

12	<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>	-	53.565	Sqm
i	Semi-Skilled	0.305555555555556	16.3670833333333	-
ii	Skilled	0.305555555555556	16.3670833333333	-
13	<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 - 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</b>	-	10.17	Sqm
i	Semi-Skilled	0.16025641025641	1.6298076923077	-
ii	Skilled	0.16025641025641	1.6298076923077	-

14	<b>R.C.C. Work (AR0404A) :</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	23.8515625	Cum
i	Un-Skilled	1.3333	31.80128828125	-
ii	Skilled	0.1	2.38515625	-
iii	Semi-Skilled	0.0573	1.36669453125	-

15	<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.	-	20.2040625	Cum
i	Un-Skilled	2.96	59.804025	-
ii	Skilled	1.05	21.214265625	-
iii	Highly-Skilled	0.35	7.071421875	-

16	<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>	-	27.39125	Cum
i	Un-Skilled	2.96	81.0781	-
ii	Skilled	1.05	28.7608125	-
iii	Highly-Skilled	0.35	9.5869375	-
17	<p><b>Painting (AR0918i) : Two coat waterproofing cement paint on the outer surface -</b> Finishing wall waterproofing cement paint on the outer surface of approved shade on new work two coats to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	127.955	Sqm
i	Un-Skilled	0.032	4.09456	-

	ii	Highly-Skilled	0.022	2.81501	-
18		<b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 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.</b>	-	61.8625	Sqm
	i	Un-Skilled	0.24	14.847	-
	ii	Skilled	0.16	9.898	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	358.47341327695	462	165614.71693395
1	Skilled	167.32760325778	562	94038.113030875
2	Highly-Skilled	56.024527170699	612	34287.010628468
3	Semi-Skilled	66.634603414034	512	34116.916947985
<b>Total:</b>				<b>328056.75754128</b>