

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Jamankira	Gram Panchayat	Katangpapani

Work Code	OD/371/3560/121320/381896/00037893 (Repair & maintenance of Market Complex at Sarei)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamankira	Proposal Date	-
Date of Commencement	12-01-2026	Date of Completion	06-03-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	Repair and Maintenance
Name of Executant	BIDYA TUDU		

Administrative Approval Details

Approval No.	OD/371/3560/121320/381896/00037893/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3560/121320/381896/00037893/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	400000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Dismantling (AR1604) : Dismantling brick or stone masonry above 3m. - Dismantling brick or stone masonry in lime or cement mortar above 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	5.4	Cum
i	Un-Skilled	3.1802120141343	17.173144876325	-

2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	45	Sqm
i	Un-Skilled	0.21505376344086	9.6774193548387	-
3	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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>	-	2.835	Cum
i	Un-Skilled	0.516	1.46286	-
4	<p>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.</p>	-	3.93	Cum

	i	Un-Skilled	0.1236	0.485748	-
5		<p>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.</p>	-	7.98	Cum
	i	Skilled	0.18	1.4364	-
	ii	Un-Skilled	3.9	31.122	-
6		<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/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>	-	4.5	Cum

	i	Un-Skilled	2.96	13.32	-
	ii	Skilled	1.05	4.725	-
	iii	Highly-Skilled	0.35	1.575	-
7		Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 ² 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.	-	7.8	Cum
	i	Un-Skilled	2.96	23.088	-
	ii	Skilled	1.05	8.19	-
	iii	Highly-Skilled	0.35	2.73	-

8	<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>	-	52.2	Sqm
i	Un-Skilled	0.24	12.528	-
ii	Skilled	0.16	8.352	-
9	<p>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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	41.7	Sqm
i	Un-Skilled	0.12	5.004	-
ii	Skilled	0.14	5.838	-

10	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)	-	39	Sqm
i	Un-Skilled	0.216	8.424	-
ii	Highly-Skilled	0.216	8.424	-

11	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.)	-	1.95	Cum
i	Un-Skilled	1.3333	2.599935	-
ii	Skilled	0.175	0.34125	-
iii	Semi-Skilled	0.1323	0.257985	-

12	<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>	-	2	Qntl
i	Un-Skilled	0.8	1.6	-
ii	Highly-Skilled	0.3	0.6	-
iii	Semi-Skilled	0.044	0.088	-
13	<p>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	5	Qntl
i	Un-Skilled	4.9212598425197	24.606299212598	-
ii	Semi-Skilled	1.9685039370079	9.8425196850394	-

	iii	Skilled	4.4291338582677	22.145669291339	-
14		Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	103.8	Sqm
	i	Un-Skilled	0.21505376344086	22.322580645161	-
	ii	Highly-Skilled	0.16129032258065	16.741935483871	-
15		Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	288.3	Sqm
	i	Un-Skilled	0.11776344086022	33.9512	-
	ii	Highly-Skilled	0.10776344086022	31.0682	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	207.36518708892	462	95802.716435083

1	Skilled	51.028319291339	562	28677.915441732
2	Highly-Skilled	61.139135483871	612	37417.150916129
3	Semi-Skilled	10.188504685039	512	5216.5143987402
				Total: 167114.29719168