

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Lanjigarh	Gram Panchayat	Pokharibandh

Work Code	OD/358/3418/118807/423147/00073020 (CONSTRUCTION OF KALYAN MANDAP AT POKHARIBANDH)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Lanjigarh	Proposal Date	22-11-2022
Date of Commencement	06-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Kalyan Mandap	Project Type	New Work
Name of Executant	SMITA BISWAL		

Administrative Approval Details

Approval No.	OD/358/3418/118807/423147/00073020/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3418/118807/423147/00073020/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	25.9272	Cum

	i	Un-Skilled	0.516	13.3784352	-
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.	-	15.56154	Cum
	i	Un-Skilled	0.1236	1.923406344	-
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.	-	7.68744	Cum
	i	Skilled	0.18	1.3837392	-
	ii	Un-Skilled	3.9	29.981016	-

4	R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	18.6687125	Cum
i	Un-Skilled	1.3333	24.89099437625	-
ii	Skilled	0.1	1.86687125	-
iii	Semi-Skilled	0.0573	1.06971722625	-

5	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/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.	-	10.3012	Cum
i	Un-Skilled	2.96	30.491552	-
ii	Skilled	1.05	10.81626	-
iii	Highly-Skilled	0.35	3.60542	-

6	<p>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/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>	-	22.52125	Cum
i	Un-Skilled	2.96	66.6629	-
ii	Skilled	1.05	23.6473125	-
iii	Highly-Skilled	0.35	7.8824375	-
7	<p>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</p>	-	37.09	Sqm

	i	Semi-Skilled	0.05	1.8545	-
	ii	Skilled	0.05	1.8545	-
8		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	-	37.986	Sqm
	i	Semi-Skilled	0.6547619047619	24.871785714286	-
	ii	Skilled	0.6547619047619	24.871785714286	-
9		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	-	12.786	Sqm
	i	Semi-Skilled	0.16025641025641	2.0490384615385	-

	ii	Skilled	0.16025641025641	2.0490384615385	-
10		R.C.C. Work (AR0410a) : Centring & 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	-	57.0092	Sqm
	i	Semi-Skilled	0.305555555555556	17.4194777777778	-
	ii	Skilled	0.305555555555556	17.4194777777778	-
11		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.	-	14.5	Qntl
	i	Un-Skilled	0.8	11.6	-

	ii	Highly-Skilled	0.3	4.35	-
	iii	Semi-Skilled	0.044	0.638	-
12		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.	-	143.253	Sqm
	i	Un-Skilled	0.12	17.19036	-
	ii	Skilled	0.14	20.05542	-
13		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.	-	117.64	Sqm
	i	Un-Skilled	0.24	28.2336	-

	ii	Skilled	0.16	18.8224	-
14		<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>	-	35.0155	Sqm
	i	Un-Skilled	0.216	7.563348	-
	ii	Highly-Skilled	0.216	7.563348	-
15		<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.co mplete. and as per the direction of Engineer in Charge.</p>	-	152.65	Sqm
	i	Un-Skilled	0.057	8.70105	-

	ii	Skilled	0.05	7.6325	-
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)	-	152.65	Sqm
	i	Highly-Skilled	0.054	8.2431	-
	ii	Un-Skilled	0.064	9.7696	-
17		Painting (AR0918Ai) : Finishing wall one coat with weather coat - 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.	-	143.26	Sqm
	i	Un-Skilled	0.043	6.16018	-
	ii	Highly-Skilled	0.036	5.15736	-

18	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.	-	3.9216	Qntl
i	Un-Skilled	6.3976377952756	25.088976377953	-
ii	Semi-Skilled	1.9685039370079	7.7196850393701	-
iii	Skilled	3.9370078740157	15.43937007874	-
iv	Highly-Skilled	3.4448818897638	13.509448818898	-
19	Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	23.139	Sqm
i	Highly-Skilled	0.053763440860215	1.2440322580645	-
ii	Un-Skilled	0.053763440860215	1.2440322580645	-

20	<p>Painting (AR0903k) : Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance). - Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	23.14	Sqm
i	Highly-Skilled	0.13709677419355	3.1724193548387	-
ii	Un-Skilled	0.12064516129032	2.7917290322581	-
21	<p>Painting (AR0901cik) : Priming one coat outer surface with primer of approved quality oil-bound primer over plastering surfaces (Outer surface)(For repair and maintenance) . - Priming one coat outer surface with primer of approved quality oil-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(For repair and maintenance).</p>	-	117.63	Sqm
i	Highly-Skilled	0.054838709677419	6.4506774193548	-
ii	Un-Skilled	0.054838709677419	6.4506774193548	-

22	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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	48.7797	Sqm
i	Un-Skilled	0.24	11.707128	-
ii	Skilled	0.16	7.804752	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	303.82898500788	462	140368.99107364
1	Skilled	153.66342698234	562	86358.845964076
2	Semi-Skilled	55.622204219222	512	28478.568560242
3	Highly-Skilled	61.178243351156	612	37441.084930907
Total:				292647.49052887