

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Dhankauda	Gram Panchayat	Sason

Work Code	OD/371/3559/121307/381736/00052187 (Renovation of Kalyan Mandap and Kitchen at Sason)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Dhankauda	Proposal Date	-
Date of Commencement	20-11-2025	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	Kalyan Mandap	Project Type	Renovation or Rejuvenation
Name of Executant	PRADEEP KUMAR BADHAI		

Administrative Approval Details

Approval No.	OD/371/3559/121307/381736/00052187/AS
--------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/371/3559/121307/381736/00052187/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	500000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge	-	16.626113	Cum

	i	Un-Skilled	0.5682408	9.4476357520104	-
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.	-	26.956348	Cum
	i	Un-Skilled	0.1236	3.3318046128	-
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.	-	6.68194	Cum
	i	Skilled	0.18	1.2027492	-
	ii	Un-Skilled	3.9	26.059566	-

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)	-	3.195485	Cum
i	Un-Skilled	1.3333	4.2605401505	-
ii	Skilled	0.1	0.3195485	-
iii	Semi-Skilled	0.0573	0.1831012905	-

5	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.	-	2.255428	Qntl
i	Un-Skilled	0.8	1.8043424	-
ii	Highly-Skilled	0.3	0.6766284	-
iii	Semi-Skilled	0.044	0.099238832	-
6	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	-	28.829	Sqm
i	Semi-Skilled	0.05	1.44145	-

ii	Skilled	0.05	1.44145	-
7	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.	-	5.99217	Cum
i	Un-Skilled	2.96	17.7368232	-
ii	Skilled	1.05	6.2917785	-
iii	Highly-Skilled	0.35	2.0972595	-

8	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.	-	9.6685	Cum
i	Un-Skilled	2.96	28.61876	-
ii	Skilled	1.05	10.151925	-
iii	Highly-Skilled	0.35	3.383975	-
9	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	38.674	Sqm
i	Un-Skilled	0.12	4.64088	-

	ii	Skilled	0.14	5.41436	-
10		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.	-	38.674	Sqm
	i	Un-Skilled	0.24	9.28176	-
	ii	Skilled	0.16	6.18784	-
11		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 & royalty of materials as per direction of Engineer-in-charge.	-	52.6608	Sqm
	i	Un-Skilled	0.36	18.957888	-
	ii	Highly-Skilled	0.13	6.845904	-

12	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.	-	3.02958	Qntl
i	Un-Skilled	6.3976377952756	19.382155511811	-
ii	Semi-Skilled	1.9685039370079	5.9637401574803	-
iii	Skilled	3.9370078740157	11.927480314961	-
iv	Highly-Skilled	3.4448818897638	10.436545275591	-
13	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.	-	77.348	Sqm
i	Highly-Skilled	0.053763440860215	4.1584946236559	-
ii	Un-Skilled	0.053763440860215	4.1584946236559	-

14	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)	-	38.674	Sqm
i	Highly-Skilled	0.054	2.088396	-
ii	Un-Skilled	0.064	2.475136	-
15	Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work 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(Outside)(For repair and maintenance).	-	38.674	Sqm
i	Un-Skilled	0.06528	2.52463872	-
ii	Highly-Skilled	0.05508	2.13016392	-

16		Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	42.8604	Sqm
	i	Highly-Skilled	0.18817204301075	8.0651290322581	-
	ii	Un-Skilled	0.17204301075269	7.3738322580645	-
17		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.	-	10.18899	Qntl
	i	Un-Skilled	4.9212598425197	50.142667322835	-
	ii	Semi-Skilled	1.9685039370079	20.057066929134	-
	iii	Skilled	4.4291338582677	45.128400590551	-

18	Roofing (AR1135) : G.C.I. Sheet (0.30mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	74.112	Sqm
i	Un-Skilled	0.21505376344086	15.938064516129	-
ii	Highly-Skilled	0.16129032258065	11.953548387097	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	226.13498906781	462	104474.36494933
1	Skilled	88.065532105512	562	49492.829043298
2	Semi-Skilled	27.744597209114	512	14205.233771066
3	Highly-Skilled	51.836044138601	612	31723.659012824
				Total: 199896.08677651