

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Balisankara	Gram Panchayat	Kinjirkela

Work Code	OD/373/3573/121527/383933/00039169 (COMPLETION OF KALYAN MANDAP AT KINJIRKELA)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balisankara	Proposal Date	-
Date of Commencement	05-12-2025	Date of Completion	31-01-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	Completion
Name of Executant	INDRAMANI KALO		

Administrative Approval Details

Approval No.	OD/373/3573/121527/383933/00039169/AS
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Technical Sanction Details

Technical Sanction No.	OD/373/3573/121527/383933/00039169/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	500000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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	-	35.64	Cum

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.	-	3.96	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.96	1 Cum
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.	-	3.96	Cum
i)	BRM340 : Cement	2.29	9.0684	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.9008	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.8016	1 Cum.

4	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.	-	70.4	Sqm
i)	BRM340 : Cement	0.0358	2.52032	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.056	1 Cum
5	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.	-	70.4	Sqm
i)	BRM340 : Cement	0.043	3.0272	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.2672	1 Cum

6	<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>	-	7.26	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %</p>	400	2904	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	4.87872	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	2.0328	1 Cum
7	<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>	-	66	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	66	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	400	26400	1000 Nos
iii)	BRM340 : Cement	0.672	44.352	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	18.48	1 Cum
8	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)	-	158.4	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	19.8	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	13.3056	1 Ltr
9	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.	-	12.78	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.69012	1 Litre

10	miscellaneous(ARM106) :.Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.	-		6.39	Sqm
i)	BRMM106 : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works)	1		6.39	Sqm
11	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.	-		1.5975	Qntl
i)	BRM341 : Steel	1		1.5975	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.96	1 Cum	478.15	1893.474
2	BRM340	63.84664	1 Qntl.	594.182	37936.52424848
3	BRM028	24.7368	1 Cum	483.09	11950.100712
4	BRM044	3.8016	1 Cum.	2041.16	7759.673856
5	BRM006	29304	1000 Nos	5.36398	157186.06992
6	BRMMR0025	66	1 Cum	33	2178
7	BRM255	19.8	1 Ltr	195.21622	3865.281156
8	BRM252	13.3056	1 Ltr	125.92622	1675.523912832
9	BRM137	0.69012	1 Litre	142.42622	98.2911829464
10	BRMM106	6.39	Sqm	93.32	596.3148
11	BRM341	1.5975	1 Qntl.	6697.712	10699.59492

Total: 235838.84870826