

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Kukudakhandi	Gram Panchayat	Baulajholi

Work Code	OD/354/3378/117859/412557/00058595 (INFRASTRUCTURE DEVELOPMENT OF KALYAN MANDAP AT SATAPAHANDIA)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kukudakhandi	Proposal Date	-
Date of Commencement	04-04-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	New Work
Name of Executant	BHIBHUTI BHUSAN PRADHAN		

Administrative Approval Details

Approval No.	OD/354/3378/117859/412557/00058595/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3378/117859/412557/00058595/TS
Fund Sanction No.	1313
Fund Sanction Amount (in Rs.)	200000

ROYALTY 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	-	10.8	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.	-	1.8	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.8	1 Cum
3	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	-	54	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.14418	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.033156	1Mtr.

4	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	8.7	Cum
i)	BRM340 : Cement	3.23	28.101	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.915	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	7.83	1 Cum.
5	<p>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.</p>	-	16.56	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.89424	1 Litre
ii)	BRM141 : Enamel paint	0.125	2.07	1 Litre

6	<p>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)</p>	-	135.675	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	16.959375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	11.3967	1 Ltr
7	<p>Masonry Brick Work (AR0603ci) :.First floor - 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>	-	0.2898	Cum
i)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	115.92	1000 Nos
ii)	BRM340 : Cement	0.672	0.1947456	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.081144	1 Cum

8	Plastering (AR1004) :.First Floor - 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.	-	2.042	Sqm
i)	BRM340 : Cement	0.0358	0.0731036	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.03063	1 Cum
9	Plastering (AR1014) :.First Floor - 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.	-	2.042	Sqm
i)	BRM340 : Cement	0.043	0.087806	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.036756	1 Cum

10	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	210.725	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	26.340625	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	17.7009	1 Ltr
11	Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for 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.	-	20.895	Sqm
i)	BRM340 : Cement	0.057	1.191015	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.438795	1 Cum

12	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.	-	3.51	Cum
i)	BRM340 : Cement	2.29	8.0379	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.6848	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.3696	1 Cum.
13	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.	-	204.3375	Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	1.8	1 Cum	110.25	198.45
2	BRM028	6.187125	1 Cum	110.25	682.13053125
3	BRM056	7.83	1 Cum.	409.5	3206.385
4	BRM044	3.3696	1 Cum.	409.5	1379.8512
Total: 5466.81673125					