

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Jamda	Gram Panchayat	Jamda

Work Code	OD/365/3495/120165/387615/00013013 (Repair And Renovation Of Kalyan Mandap At Jamda With Provision Of Drinking Water And Electrification Works)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamda	Proposal Date	-
Date of Commencement	18-09-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	OD/365/3495/120165/387615/00013013/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3495/120165/387615/00013013/TS
Fund Sanction No.	12762
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

SI.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	-	27.9275006336	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.	-	22.2605727168	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.2605727168	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.	-	27.61454336	Cum
i)	BRM340 : Cement	2.29	63.2373042944	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.2549808128	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	26.5099616256	1 Cum.

4	<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>	-	20.8474332	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.055662646644	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	2.6267765832	1Mtr.
5	<p>Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	178.37376	Sqm
i)	<p>BRM138 : Wood Primer</p>	0.075	13.378032	1 Litre
6	<p>Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)</p>	-	178.37376	Sqm

i)	BRM140 : Plastic Emulsion paint	0.075	13.378032	1 Litre
7	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 specificaion and direction of Engineer-in charge.	-	13.839836	Cum
i)	BRM340 : Cement	3.23	44.70267028	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.2279262	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	12.4558524	1 Cum.
8	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.	-	14.1584	Cum
i)	BRM340 : Cement	0.672	9.5144448	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.964352	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	4955.44	1000 Nos
9	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 \pm 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.	-	24.6639328	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	24.6639328	1 Cum
ii)	BRM340 : Cement	0.672	16.5741628416	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.905901184	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	8632.37648	1000 Nos

10	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)	-	427.725412	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	53.4656765	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	38.633263019355	1 Ltr
11	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.	-	204.3866	Sqm
i)	BRM340 : Cement	0.043	8.7886238	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	3.6789588	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.2605727168	1 Cum	401.54	8938.5103687039
2	BRM340	142.817206016	1 Qntl.	644.787	92086.677815439
3	BRM028	34.0321189968	1 Cum	668.36	22745.707052701
4	BRM044	26.5099616256	1 Cum.	1401.46	37152.650819813
5	BRM104	0.055662646644	1Cum.	58573.086	3260.3329888666
6	BRM092	2.6267765832	1Mtr.	229.106	601.81027587062
7	BRM138	13.378032	1 Litre	155.32787	2077.9812153518
8	BRM140	13.378032	1 Litre	249.58787	3338.9945116718
9	BRM056	12.4558524	1 Cum.	1802.83	22455.784382292

10	BRM005	13587.81648	1000 Nos	6.1586	83681.926573728
11	BRMMR0025	24.6639328	1 Cum	33	813.9097824
12	BRM255	53.4656765	1 Ltr	195.03787	10427.831662669
13	BRM253	38.633263019355	1 Ltr	159.27787	6153.4238448726
					Total: 293735.54129438