

ESTIMATION DPR							
State	Odisha	District	Bhadrak	Block	Bhandaripokhari	Gram Panchayat	Ranjit

Work Code	OD/348/3324/116659/394534/00056443 (COMPLETION / MAINTENANCE OF KALYAN MANDAP AT RANJIT)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhandaripokhari	Proposal Date	-
Date of Commencement	01-04-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	Repair and Maintenance
Name of Executant	AJIT KUMAR BEHERA		

Administrative Approval Details

Approval No.	OD/348/3324/116659/394534/00056443/AS
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Technical Sanction Details

Technical Sanction No.	OD/348/3324/116659/394534/00056443/TS
Fund Sanction No.	4151
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	-	0.57	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.	-	111.055625	Cum
i)	BRM029 : Sand for filling and road blinding	1	111.055625	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.	-	17.24625	Cum
i)	BRM340 : Cement	2.29	39.4939125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.2782	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	16.5564	1 Cum.

4	R.C.C. Work (AR0404Ab) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	0.475	Cum
i)	BRM340 : Cement	3.4733	1.6498175	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.21375	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.171	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.2565	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.00634125	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	0.29925	1Mtr.

5	R.C.C. Work (AR0404Ac) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	5.765625	Cum
i)	BRM340 : Cement	3.4733	20.0257453125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.59453125	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.075625	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.1134375	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	25.48175625	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.239440640625	1Cum.

6	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.	-	5.6	Qntl
i)	BRM162 : Binding Wire.	0.8	4.48	1 Kg.
ii)	BRM341 : Steel	1.05	5.88	1 Qntl.
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.	-	4.89075	Cum
i)	BRM340 : Cement	0.672	3.286584	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.36941	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 ± 2 %	350	1711.7625	1000 Nos

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/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.	-		28.01675	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		28.01675	1 Cum
ii)	BRM340 : Cement	0.672		18.827256	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28		7.84469	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 ± 2 %	350		9805.8625	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	111.055625	1 Cum	582.31	64668.80099375
2	BRM340	83.2833153125	1 Qntl.	568.867	47377.129731876
3	BRM028	20.30058125	1 Cum	587.25	11921.516339063
4	BRM044	16.5564	1 Cum.	1968.11	32584.816404
5	BRM060	2.246625	1 Cum.	2415.01	5425.62184125
6	BRM052	3.3699375	1 Cum.	2382.2	8027.8651125
7	BRM104	0.245781890625	1Cum.	58573.086	14396.203816821
8	BRM092	0.29925	1Mtr.	229.106	68.5599705
9	BRM084	25.48175625	1Mtr	250.166	6374.6690340375
10	BRM162	4.48	1 Kg.	90.1	403.648
11	BRM341	5.88	1 Qntl.	6210.582	36518.22216

12	BRM005	11517.625	1000 Nos	6.1539	70878.3124875
13	BRMMR0025	28.01675	1 Cum	33	924.55275
					Total: 299569.9186413