

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bheden	Gram Panchayat	Resham

Work Code	OD/347/3315/116449/380564/00039138 (Completion and Maintenance of Kalyan Mandap at Singhenpali)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bheden	Proposal Date	-
Date of Commencement	16-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	Completion
Name of Executant	Niranjan Nayak		

Administrative Approval Details

Approval No.	OD/347/3315/116449/380564/00039138/AS
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Technical Sanction Details

Technical Sanction No.	OD/347/3315/116449/380564/00039138/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
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1	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)	-	8.068125	Cum
i)	BRM340 : Cement	3.4733	28.0230185625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.63065625	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	2.904525	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	4.3567875	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	35.65788525	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.335061163125	1Cum.

2	<p>R.C.C. Work (AR0404Ag) :.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 Roof slab, landing, balcony, sun shade)</p>	-	25.250625	Cum
i)	BRM340 : Cement	3.4733	87.7029958125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.36278125	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	9.090225	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	13.6353375	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	157.0992885	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1.26801568575	1Cum.

3	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.	-	39.758	Qntl
i)	BRM162 : Binding Wire.	0.8	31.8064	1 Kg.
ii)	BRM341 : Steel	1.05	41.7459	1 Qntl.
4	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.	-	10.8375	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	10.8375	1 Cum
ii)	BRM340 : Cement	0.672	7.2828	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.0345	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./Cm ² with dimensional tolerance ± 2 %	350	3793.125	1000 Nos
5	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.	-	254.31	Sqm
i)	BRM340 : Cement	0.0358	9.104298	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	3.81465	1 Cum
6	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.	-	318.045	Sqm
i)	BRM340 : Cement	0.043	13.675935	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	5.72481	1 Cum

7	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	137.455	Sqm
i)	BRM340 : Cement	0.0372	5.113326	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.0309125	1 Cum
8	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	65.325	Sqm
i)	BRM340 : Cement	0.1208	7.89126	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.1039925	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1.1039925	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	158.793633375	1 Qntl.	637.012	101153.44998348
2	BRM028	29.7023025	1 Cum	409.04	12149.4298146

3	BRM060	11.99475	1 Cum.	1880.96	22561.64496
4	BRM052	17.992125	1 Cum.	1812.85	32617.02380625
5	BRM084	192.75717375	1Mtr	250.166	48221.291128342
6	BRM104	1.603076848875	1Cum.	58573.086	93897.158133764
7	BRM162	31.8064	1 Kg.	90.1	2865.75664
8	BRM341	41.7459	1 Qntl.	6210.862	259278.0239658
9	BRMMR0025	10.8375	1 Cum	33	357.6375
10	BRM005	3793.125	1000 Nos	6.30115	23901.04959375
11	BRM064	1.1039925	1 Cum.	1321.51	1458.937128675
Total: 598461.40265466					