

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Rayagada	<b>Block</b>	Chandrapur	<b>Gram Panchayat</b>	Sarikima

<b>Work Code</b>	OD/370/3548/275313/425077/00063088 (IMPROVEMENT/MAINTENANCE OF MANDAP AT SARIKIMA)
<b>Project Category</b>	Building

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Chandrapur	<b>Proposal Date</b>	23-06-2023
<b>Date of Commencement</b>	24-02-2026	<b>Date of Completion</b>	23-03-2026
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Kalyan Mandap	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	ARUN SAHU		

### Administrative Approval Details

<b>Approval No.</b>	OD/370/3548/275313/425077/00063088/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/370/3548/275313/425077/00063088/TS
<b>Fund Sanction No.</b>	11967
<b>Fund Sanction Amount (in Rs.)</b>	300000

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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</b>	-	<b>11.448</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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.	-	<b>31.3985</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	31.3985	1 Cum
3	<b>Concrete (AR0303)</b> :.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.	-	<b>29.3534</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	67.219286	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.089632	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	28.179264	1 Cum.

4	<p><b>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b></p> <p>- 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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	1.404	Cum
i)	<p><b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance ± 2 %</p>	400	561.6	1000 Nos
ii)	<p><b>BRM340</b> : Cement</p>	0.672	0.943488	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.28	0.39312	1 Cum
5	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b></p> <p>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>	-	67.16	Sqm
i)	<p><b>BRM104</b> : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.1793172	1Cum.

ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.46216	1Mtr.
6	<b>Plastering (AR1014ik) :.16mm thick cement Plaster in CM (1:6) over brick work in outside (Outside)(For repair and maintenance).</b> - 16mm thick cement Plaster in CM (1:6) over brick work in outside 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(For repair and maintenance).	-	<b>27.124</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	1.166332	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.488232	1 Cum
7	<b>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory -</b> Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	<b>62.41</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.474316	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	6.702834	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.31061	1 Cum

iv)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	62.41	1 Sqm.
8	<b>Flooring (AR0802ii)</b> :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	4.68	Sqm
i)	<b>BRM340</b> : Cement	0.0858	0.401544	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	0.05616	1 Cum
iii)	<b>BRM057</b> : 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)(Hand broken)	0.023	0.10764	1 Cum.
9	<b>Painting(AR0922)</b> :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new 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)	-	27.12	Sqm
i)	<b>BRM142</b> : Distemper	0.25	6.78	1 Kg.

10	<b>Plastering (AR1033) :White washing two coats with stone lime in any surface -</b> White washing two coats with stone lime in any surface including all costs of labour, coaltar and brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	27.12	Sqm
i)	<b>BRM031</b> : Stone lime unslaked.	1.149247311828	31.167587096774	1 Kg.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	31.3985	1 Cum	347.95	10925.108075
2	<b>BRM340</b>	76.433484	1 Qntl.	600.692	45912.982370928
3	<b>BRM028</b>	16.337754	1 Cum	808.59	13210.54450686
4	<b>BRM044</b>	28.179264	1 Cum.	1681.71	47389.35006144
5	<b>BRM006</b>	561.6	1000 Nos	5.552492	3118.2795072
6	<b>BRM104</b>	0.1793172	1Cum.	58573.086	10503.161776879
7	<b>BRM092</b>	8.46216	1Mtr.	229.106	1938.73162896
8	<b>BRM174</b>	0.474316	1Qntl	2047.912	971.357428192
9	<b>BRM131</b>	62.41	1 Sqm.	679.3577791	42398.718993631
10	<b>BRM057</b>	0.10764	1 Cum.	1781.71	191.7832644
11	<b>BRM142</b>	6.78	1 Kg.	70.30732	476.6836296
12	<b>BRM031</b>	31.167587096774	1 Kg.	21.88	681.94680567742
<b>Total: 177718.64804877</b>					