

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Cuttack	<b>Block</b>	Cuttacksadar	<b>Gram Panchayat</b>	Jasapada

<b>Work Code</b>	OD/350/3337/116961/399950/00038605 (Improvement of Kalyan Mandap Jasapada , Jasapada GP)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Cuttacksadar	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	03-02-2026	<b>Date of Completion</b>	-
<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>	Upgradation or Improvement
<b>Name of Executant</b>	Samata Debata		

### Administrative Approval Details

<b>Approval No.</b>	OD/350/3337/116961/399950/00038605/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/350/3337/116961/399950/00038605/TS
<b>Fund Sanction No.</b>	1313
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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.	-	15.2141304	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	15.2141304	1 Cum

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>19.49184</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	44.6363136	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	9.3560832	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	18.7121664	1 Cum.
3	<p><b>Plastering (AR1014)</b>  <b>:.16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	<b>191.6914</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.043	8.2427302	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	3.4504452	1 Cum

4	<b>Plastering (AR1004i)</b> <b>:.12mm thick cement plaster (1:6) over Brick work in outside.</b> - 12mm thick cement plaster (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.	-	<b>38.4109</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	1.37511022	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.5761635	1 Cum
5	<b>R.C.C. Work (AR0404A)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	<b>3.7104608</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	12.88754349664	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.66970736	1 Cum

iii)	<b>BRM060</b> : 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	1.335765888	1 Cum.
iv)	<b>BRM052</b> : 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	2.003648832	1 Cum.
6	<b>R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> 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	-	<b>36.6531</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.097863777	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.6182906	1Mtr.

7	<b>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 -</b> 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.	-	3.52	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	2.816	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	3.696	1 Qntl.
8	<b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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 <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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	7.045125	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	7.045125	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	4.734324	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1.972635	1 Cum

iv)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	2465.79375	1000 Nos
9	<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>178.2379</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	1.35460804	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	19.14275046	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	3.7429959	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	178.2379	1 Sqm.

10	<p><b>Flooring (AR0817b)</b>  <b>:.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</b></p>	-	<b>168.9968</b>	Sqm
i)	<p><b>BRM129</b> : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753</p>	1	168.9968	1 Sqm.
ii)	<p><b>BRM340</b> : Cement</p>	0.1375	23.23706	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	2.534952	1 Cum

11	<b>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm -</b> Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge	-	<b>72.17848</b>	Rmt
i)	<b>BRMMR0024</b> : Buffing, Polishing etc.	0.30674846625767	22.14063803681	L.S.
ii)	<b>BRMMR0023</b> : Fabrication	10.478527607362	756.32419533742	kg
iii)	<b>BRMMR0022</b> : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	368.19881055215	kg
iv)	<b>BRMMR0021</b> : Balustrade of size 30mmx32mmx2mm	1.8773006134969	135.50070478528	kg
v)	<b>BRMMR0020</b> : Railing 50mm outer dia of 2mm thick	3.5	252.62468	kg

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	15.2141304	1 Cum	413.05	6284.19656172
2	<b>BRM340</b>	114.25583197664	1 Qntl.	563.767	64413.667625974
3	<b>BRM028</b>	23.30298216	1 Cum	417.99	9740.4135130584
4	<b>BRM044</b>	18.7121664	1 Cum.	2167.11	40551.322927104
5	<b>BRM060</b>	1.335765888	1 Cum.	2605.71	3480.6185320205
6	<b>BRM052</b>	2.003648832	1 Cum.	2547.01	5103.3136115923
7	<b>BRM104</b>	0.097863777	1Cum.	58573.086	5732.1834265058
8	<b>BRM092</b>	4.6182906	1Mtr.	229.106	1058.0780862036
9	<b>BRM162</b>	2.816	1 Kg.	90.1	253.7216
10	<b>BRM341</b>	3.696	1 Qntl.	6306.107	23307.371472

11	<b>BRMMR0025</b>	7.045125	1 Cum	33	232.489125
12	<b>BRM005</b>	2465.79375	1000 Nos	6.1859	15253.153558125
13	<b>BRM174</b>	1.35460804	1Qntl	2041.967	2766.0649156147
14	<b>BRM131</b>	178.2379	1 Sqm.	658.1102781	117300.19393696
15	<b>BRM129</b>	168.9968	1 Sqm.	399.5102781	67515.95856601
16	<b>BRMMR0024</b>	22.14063803681	L.S.	178.42	3950.3326385276
17	<b>BRMMR0023</b>	756.32419533742	kg	10	7563.2419533742
18	<b>BRMMR0022</b>	368.19881055215	kg	256.62	94487.178763892
19	<b>BRMMR0021</b>	135.50070478528	kg	256.62	34772.190861998
20	<b>BRMMR0020</b>	252.62468	kg	240.24	60690.5531232
<b>Total: 564456.24479888</b>					