

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Hatadihi	<b>Gram Panchayat</b>	Habaleswar

<b>Work Code</b>	OD/361/3449/119393/387252/00094255 (Const. of Kalyan Mandap Near Durga Mandap of Village Jambhara)
<b>Project Category</b>	Building

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Hatadihi	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	31-03-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Creation of Capital Asset for Revenue Generation
<b>Project Sub-Category</b>	Kalyan Mandap	<b>Project Type</b>	New Work
<b>Name of Executant</b>	ARATIBALA DHAAL		

### Administrative Approval Details

<b>Approval No.</b>	OD/361/3449/119393/387252/00094255/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/361/3449/119393/387252/00094255/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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 -</b> 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	-	45.6350433952	Cum

	i	Un-Skilled	0.516	23.547682391923	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - 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.	-	31.8970912416	Cum
	i	Un-Skilled	0.1236	3.9424804774618	-
3		<b>Concrete (AR0303) : 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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	9.764938893984	Cum
	i	Skilled	0.18	1.7576890009171	-
	ii	Un-Skilled	3.9	38.083261686538	-

4	<p><b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	-	84.2072792	Sqm
i	Un-Skilled	0.12	10.104873504	-
ii	Skilled	0.14	11.789019088	-
5	<p><b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	-	92.903	Sqm
i	Un-Skilled	0.24	22.29672	-
ii	Skilled	0.16	14.86448	-

6	<p><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.</p>	-	21.159	Qntl
i	Un-Skilled	0.8	16.9272	-
ii	Highly-Skilled	0.3	6.3477	-
iii	Semi-Skilled	0.044	0.930996	-
7	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. -</b> 20mm thick cement Plaster in CM (1:4) over stone 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>	-	69.6842734668	Sqm
i	Un-Skilled	0.24	16.724225632032	-

	ii	Skilled	0.16	11.149483754688	-
8		<b>Flooring (AR0817aa)</b> <b>: Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b> Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	55.7418	Sqm
	i	Highly-Skilled	0.325	18.116085	-
	ii	Un-Skilled	0.325	18.116085	-
	iii	Semi-Skilled	0.76	42.363768	-

9	<b>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside -</b> 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in- charge.	-	19.07112784	Sqm
i	Un-Skilled	0.11	2.0978240624	-
ii	Skilled	0.15	2.860669176	-

10	<b>R.C.C. Work (AR0404Aa) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	6.7110816	Cum
i	Un-Skilled	1.3333	8.94788509728	-
ii	Skilled	0.175	1.17443928	-
iii	Semi-Skilled	0.1323	0.88787609568	-

11	<b>R.C.C. Work (AR0404Ab) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	2.42832417408	Cum
i	Un-Skilled	1.3333	3.2376846213009	-
ii	Skilled	0.35	0.849913460928	-
iii	Semi-Skilled	0.3073	0.74622401869478	-

12	<b>R.C.C. Work (AR0404Ac) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	5.0093375741504	Cum
i	Un-Skilled	1.3333	6.6789497876147	-
ii	Skilled	5.33875	26.743600973995	-
iii	Semi-Skilled	5.29605	26.529702259579	-

13	<b>R.C.C. Work (AR0404Ad) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.35517975104	Cum
i	Un-Skilled	1.3333	1.8068611620616	-
ii	Skilled	2.34375	3.1762025415	-
iii	Semi-Skilled	2.30105	3.1183363661306	-

14	<b>R.C.C. Work (AR0404Ag) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	8.0710800775296	Cum
i	Un-Skilled	1.3333	10.76117106737	-
ii	Skilled	3.15525	25.466275414625	-
iii	Semi-Skilled	3.11255	25.121640295315	-

15	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <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.	-	3.56466319968	Cum
i	Un-Skilled	2.96	10.551403071053	-
ii	Skilled	1.05	3.742896359664	-
iii	Highly-Skilled	0.35	1.247632119888	-

16	<p><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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	17.27889436992	Cum
i	Un-Skilled	2.96	51.145527334963	-
ii	Skilled	1.05	18.142839088416	-
iii	Highly-Skilled	0.35	6.047613029472	-
17	<p><b>Plastering (AR1027) : First Floor - 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 &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b></p>	-	76.4801279168	Sqm
i	Un-Skilled	0.1751	13.391670398232	-

	ii	Skilled	0.1442	11.028434445603	-
18		<b>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer -</b> 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)	-	9.89231144	Sqm
	i	Un-Skilled	0.11776344086022	1.1649526332353	-
	ii	Highly-Skilled	0.10776344086022	1.0660295188353	-
19		<b>Painting (AR0922b) : Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer on new work (Inside) -</b> Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	148.64	Sqm
	i	Highly-Skilled	0.10576344086022	15.720677849462	-
	ii	Un-Skilled	0.11576344086022	17.207077849462	-

20	<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	28.056706	Sqm
	i Highly-Skilled	0.18817204301075	5.279487688172	-
	ii Un-Skilled	0.17204301075269	4.826960172043	-
21	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	5.16	Qntl
	i Un-Skilled	6.3976377952756	33.011811023622	-
	ii Semi-Skilled	1.9685039370079	10.157480314961	-
	iii Skilled	3.9370078740157	20.314960629921	-
	iv Highly-Skilled	3.4448818897638	17.775590551181	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	314.57230697259	462	145332.40582134
1	Skilled	153.06090321426	562	86020.227606413
2	Highly-Skilled	71.600815757011	612	43819.699243291
3	Semi-Skilled	109.85602335036	512	56246.283955384
				<b>Total: 331418.61662643</b>