

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Morada	Gram Panchayat	Haldipal

Work Code	OD/365/3502/120284/389992/00022814 (Construction Of Kalyan Mandap At Sirsapal Village)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Morada	Proposal Date	-
Date of Commencement	15-10-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Kalyan Mandap	Project Type	New Work
Name of Executant	BIKASH CHANDRA BANERJEE		

### Administrative Approval Details

Approval No.	OD/365/3502/120284/389992/00022814/AS
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### Technical Sanction Details

Technical Sanction No.	OD/365/3502/120284/389992/00022814/TS
Fund Sanction No.	32
Fund Sanction Amount (in Rs.)	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	-	27.367408488	Cum

	i	Un-Skilled	0.516	14.121582779808	-
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.	-	29.93240228144	Cum
	i	Un-Skilled	0.1236	3.699644921986	-
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.	-	9.8570143672	Cum
	i	Skilled	0.18	1.774262586096	-
	ii	Un-Skilled	3.9	38.44235603208	-

4	<p><b>Plastering (AR1027) :</b>  <b>6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 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.</p>	-	70.8748718633	Sqm
	i Un-Skilled	0.17	12.048728216761	-
	ii Skilled	0.14	9.922482060862	-
5	<p><b>Plastering (AR1004) :</b>  <b>12mm thick cement plaster (1:6) over Brick work in inside -</b> 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.</p>	-	99.870725	Sqm
	i Un-Skilled	0.12	11.984487	-
	ii Skilled	0.14	13.9819015	-

6	<p><b>Plastering (AR1014) : 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>	-	98.01080694	Sqm
i	Un-Skilled	0.24	23.5225936656	-
ii	Skilled	0.16	15.6817291104	-
7	<p><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</p>	-	33.68291168	Sqm
i	Semi-Skilled	0.05	1.684145584	-
ii	Skilled	0.05	1.684145584	-

8	<p><b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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. beams, column, grider and bressmer, etc. Data for 4.2sqm</b></p>	-	49.5345417968	Sqm
i	Semi-Skilled	0.6547619047619	32.433330938381	-
ii	Skilled	0.6547619047619	32.433330938381	-
9	<p><b>R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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. Lintels Data for 7.8 sqm</b></p>	-	17.5218216702	Sqm
i	Semi-Skilled	0.16025641025641	2.8079842420192	-
ii	Skilled	0.16025641025641	2.8079842420192	-

10	<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b>	-	73.1889834	Sqm	
	i	Semi-Skilled	0.305555555555556	22.363300483333	-
	ii	Skilled	0.305555555555556	22.363300483333	-
11	<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 - 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.</b>	-	20	Qntl	
	i	Un-Skilled	0.8	16	-
	ii	Highly-Skilled	0.3	6	-

	iii	Semi-Skilled	0.044	0.88	-
12		<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.	-	60.8886262	Sqm
	i	Highly-Skilled	0.325	19.788803515	-
	ii	Un-Skilled	0.325	19.788803515	-
	iii	Semi-Skilled	0.76	46.275355912	-

13	<p><b>Flooring (AR0816) :</b>  <b>Fixing ceramic Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in floor -</b> Fixing  ceramic Tiles  (30cmx30cm /  40cmx40cm special  plain/printed series  ceramic floor tiles of  premium grade having  thickness 7mm to 8mm  confirming to IS 13755)  in floor , treads or steps  and landing on a 25mm  thick bed of cement  mortar 1:1 (1cement:  1sand) jointed with neat  cement slurry mixed  with pigment to match  the shades of the  ceramic tiles including  rubbing and polishing,  cost of precast tiles  complete as per  direction of Engineer-in-  charge.</p>	-	13.47650918	Sqm
i	Un-Skilled	0.216	2.91092598288	-
ii	Highly-Skilled	0.216	2.91092598288	-
iii	Semi-Skilled	0.55	7.412080049	-

14	<b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork</b> - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	184.73204132	Sqm
i	Highly-Skilled	0.053763440860215	9.9318301784946	-
ii	Un-Skilled	0.053763440860215	9.9318301784946	-
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.	-	6.271765278672	Cum
i	Un-Skilled	2.96	18.564425224869	-
ii	Skilled	1.05	6.5853535426056	-

	iii	Highly-Skilled	0.35	2.1951178475352	-
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>	-	15.755786084	Cum
	i	Un-Skilled	2.96	46.63712680864	-
	ii	Skilled	1.05	16.5435753882	-
	iii	Highly-Skilled	0.35	5.5145251294	-
17		<p><b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) -</b> Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	-	20.903175	Sqm
	i	Highly-Skilled	0.13440860215054	2.8095665322581	-

	ii	Un-Skilled	0.11827956989247	2.4724185483871	-
18		<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.	-	2.66	Qntl
	i	Un-Skilled	6.3976377952756	17.017716535433	-
	ii	Semi-Skilled	1.9685039370079	5.2362204724409	-
	iii	Skilled	3.9370078740157	10.472440944882	-
	iv	Highly-Skilled	3.4448818897638	9.1633858267717	-

19	<p><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 &amp; 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.  (excluding centring and shuttering)</p>	-	24.923272892403	Cum
	i Un-Skilled	1.3333	33.230199747441	-
	ii Skilled	0.1	2.4923272892403	-
	iii Semi-Skilled	0.0573	1.4281035367347	-
20	<p><b>Painting (AR0920) :</b>  <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b>  Finishing wall two coats with plastic emulsion paint 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)</p>	-	194.29919226	Sqm

i	Highly-Skilled	0.054	10.49215638204	-
ii	Un-Skilled	0.064	12.43514830464	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	282.80798746202	462	130657.29020745
1	Skilled	136.74283367002	562	76849.472522551
2	Semi-Skilled	120.52052121791	512	61706.506863569
3	Highly-Skilled	68.80631139438	612	42109.46257336
				<b>Total: 311322.73216693</b>