

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Angul	<b>Block</b>	Banarpal	<b>Gram Panchayat</b>	Ranigodajung le

<b>Work Code</b>	OD/344/3278/275378/404227/00067193 (Renov of Radhagovinda Temple at Ranigoda)
<b>Project Category</b>	Religious Structures

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Banarpal	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	11-12-2025	<b>Date of Completion</b>	24-01-2026
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Chief Minister Special Assistance (CM-SA)
<b>Project Sub-Category</b>	Religious Structures	<b>Project Type</b>	Renovation or Rejuvenation
<b>Name of Executant</b>	Mahesh Kumar samal		

### Administrative Approval Details

<b>Approval No.</b>	OD/344/3278/275378/404227/00067193/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/344/3278/275378/404227/00067193/TS
<b>Fund Sanction No.</b>	299
<b>Fund Sanction Amount (in Rs.)</b>	400000

### 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	-	14.7312	Cum

	i	Un-Skilled	0.516	7.6012992	-
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.	-	6.8052	Cum
	i	Un-Skilled	0.1236	0.84112272	-
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.	-	3.3292	Cum
	i	Skilled	0.18	0.599256	-
	ii	Un-Skilled	3.9	12.98388	-

4	<b>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	3.564	Cum
i	Un-Skilled	2.96	10.54944	-
ii	Skilled	1.05	3.7422	-
iii	Highly-Skilled	0.35	1.2474	-

5	<b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	12.0285	Cum
i	Un-Skilled	2.96	35.60436	-
ii	Skilled	1.05	12.629925	-
iii	Highly-Skilled	0.35	4.209975	-

6	<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.)	-	2.628	Cum
i	Un-Skilled	1.3333	3.5039124	-
ii	Skilled	0.175	0.4599	-
iii	Semi-Skilled	0.1323	0.3476844	-

7	<b>R.C.C. Work (AR0404Ab) : 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)	-	1.7235	Cum
i	Un-Skilled	1.3333	2.29794255	-
ii	Skilled	0.35	0.603225	-
iii	Semi-Skilled	0.3073	0.52963155	-

8	<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)	-	2.199	Cum
i	Un-Skilled	1.3333	2.9319267	-
ii	Skilled	5.33875	11.73991125	-
iii	Semi-Skilled	5.29605	11.64601395	-

9	<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)	-	0.7245	Cum
i	Un-Skilled	1.3333	0.96597585	-
ii	Skilled	2.34375	1.698046875	-
iii	Semi-Skilled	2.30105	1.667110725	-

10	<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)	-	3.4138	Cum
i	Un-Skilled	1.3333	4.55161954	-
ii	Skilled	3.15525	10.77139245	-
iii	Semi-Skilled	3.11255	10.62562319	-

11	<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>	-	9	Qntl
i	Un-Skilled	0.8	7.2	-
ii	Highly-Skilled	0.3	2.7	-
iii	Semi-Skilled	0.044	0.396	-
12	<p><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b> 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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	23.058	Sqm
i	Un-Skilled	0.36	8.30088	-

	ii	Highly-Skilled	0.1	2.3058	-
13		<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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>	-	58.596	Sqm
	i	Un-Skilled	0.12	7.03152	-
	ii	Skilled	0.14	8.20344	-
14		<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>	-	45.068	Sqm
	i	Un-Skilled	0.24	10.81632	-
	ii	Skilled	0.16	7.21088	-

15	<p><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.</p>	-	17.38	Sqm	
	i	Highly-Skilled	0.325	5.6485	-
	ii	Un-Skilled	0.325	5.6485	-
	iii	Semi-Skilled	0.76	13.2088	-
16	<p><b>Iron Work (AR1704) :</b>  <b>Iron Doors and windows fixing -</b>          Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	1.932	Qntl	
	i	Un-Skilled	6.3976377952756	12.360236220472	-

	ii	Semi-Skilled	1.9685039370079	3.8031496062992	-
	iii	Skilled	3.9370078740157	7.6062992125984	-
	iv	Highly-Skilled	3.4448818897638	6.6555118110236	-
17		<b>Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	58.596	Sqm
	i	Highly-Skilled	0.053763440860215	3.1503225806452	-
	ii	Un-Skilled	0.053763440860215	3.1503225806452	-
18		<b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	45.068	Sqm
	i	Highly-Skilled	0.053763440860215	2.4230107526882	-

	ii	Un-Skilled	0.053763440860215	2.4230107526882	-
19		<b>Painting (AR0918Ai) : Finishing wall one coat with weather coat</b> - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	58.596	Sqm
	i	Un-Skilled	0.043	2.519628	-
	ii	Highly-Skilled	0.036	2.109456	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	141.28189651381	462	65272.236189378
1	Skilled	65.264475787598	562	36678.63539263
2	Highly-Skilled	30.449976144357	612	18635.385400346
3	Semi-Skilled	42.224013421299	512	21618.694871705
				<b>Total: 142204.95185406</b>