

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Astaranga	Gram Panchayat	Naiguan

Work Code	OD/369/3536/120884/409115/00074442 (CONSTRUCTION OF DAKHINESWAR TEMPLE AT NAIGUAN)
Project Category	Religious Structures

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Astaranga	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Religious Structures	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	6142
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<p style="text-align: center;">Masonry Stone Work (AR0717) :</p> <p>Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	Cum	45.235536	5934.111417592	268432.71065849

2	<p style="text-align: center;">R.C.C. Work (AR0404Ab) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)</p>	Cum	12.17502	7759.051391202	94466.605868912
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3	<p style="text-align: center;">R.C.C. Work (AR0404Ac) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)</p>	Cum	2.8548	15057.98265338	42987.528878869
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4	<p style="text-align: center;">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.</p>	Qntl	9.89	7951.0234545	78635.621965005
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5	<p style="text-align: center;">Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/cm² 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.</p>	Cum	61.0552	5224.165611192	318962.47622445
6	<p style="text-align: center;">Masonry Brick Work (AR0603bi) : First floor - 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/cm² 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.</p>	Cum	31.65625	5553.196341192	175793.37167586

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	45.235536	Cum
i	Un-Skilled	1.21	54.73499856	-
ii	Skilled	1.05	47.4973128	-
iii	Highly-Skilled	2.295	103.81555512	-
iv	Semi-Skilled	1.41	63.78210576	-

2	R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	12.17502	Cum
i	Un-Skilled	1.3333	16.232954166	-
ii	Skilled	0.35	4.261257	-
iii	Semi-Skilled	0.3073	3.741383646	-

3	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	2.8548	Cum
i	Un-Skilled	1.3333	3.80630484	-
ii	Skilled	5.33875	15.2410635	-
iii	Semi-Skilled	5.29605	15.11916354	-

4	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.	-	9.89	Qntl
i	Un-Skilled	0.8	7.912	-
ii	Highly-Skilled	0.3	2.967	-
iii	Semi-Skilled	0.044	0.43516	-

5	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/cm² 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.</p>	-	61.0552	Cum
i	Un-Skilled	2.96	180.723392	-
ii	Skilled	1.05	64.10796	-
iii	Highly-Skilled	0.35	21.36932	-
6	<p>Masonry Brick Work (AR0603bi) : First floor - 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/cm² 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.</p>	-	31.65625	Cum

i	Un-Skilled	3.404	107.757875	-
ii	Skilled	1.2075	38.224921875	-
iii	Highly-Skilled	0.4025	12.741640625	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	371.167524566	462	171479.39634949
2	Skilled	169.332515175	562	95164.87352835
3	Highly-Skilled	140.893515745	612	86226.83163594
4	Semi-Skilled	83.077812946	512	42535.840228352
Total:				395406.94174213

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Masonry Stone Work (AR0717) :.Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	45.235536	Cum
i)	BRM340 : Cement	0.572	25.874726592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.24	10.85652864	1 Cum
iii)	BRM079 : Laterite Stone rough dressed	1	45.235536	1 Cum.

2	R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	12.17502	Cum
i)	BRM340 : Cement	3.4733	42.287496966	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.478759	1 Cum
iii)	BRM060 : 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	4.3830072	1 Cum.
iv)	BRM052 : 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	6.5745108	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.162536517	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	7.6702626	1Mtr.

3	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	2.8548	Cum
i)	BRM340 : Cement	3.4733	9.91557684	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.28466	1 Cum
iii)	BRM060 : 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	1.027728	1 Cum.
iv)	BRM052 : 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	1.541592	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	12.61707408	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.1185569892	1Cum.

4	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.	-	9.89	Qntl
i)	BRM162 : Binding Wire.	0.8	7.912	1 Kg.
ii)	BRM341 : Steel	1.05	10.3845	1 Qntl.
5	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 ² 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.	-	61.0552	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	61.0552	1 Cum
ii)	BRM340 : Cement	0.672	41.0290944	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	17.095456	1 Cum

iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	21369.32	1000 Nos
6	Masonry Brick Work (AR0603bi) :.First floor - 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/cm2 with dimensional tolerance \pm 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.	-	31.65625	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	31.65625	1 Cum
ii)	BRM340 : Cement	0.672	21.273	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	8.86375	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	11079.6875	1000 Nos

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	140.379894798	1 Qntl.	595.407	83583.172021993
2	BRM028	43.57915364	1 Cum	897.85	39127.543095674
3	BRM079	45.235536	1 Cum.	1796.41	81261.56922576
4	BRM060	5.4107352	1 Cum.	2685.38	14529.880091376
5	BRM052	8.1161028	1 Cum.	2649	21499.5563172
6	BRM104	0.2810935062	1Cum.	58573.086	16464.514112694
7	BRM092	7.6702626	1Mtr.	229.106	1757.3031832356

8	BRM084	12.61707408	1Mtr	250.166	3156.3629542973
9	BRM162	7.912	1 Kg.	90.1	712.8712
10	BRM341	10.3845	1 Qntl.	5834.687	60590.3071515
11	BRMMR0025	92.71145	1 Cum	33	3059.47785
12	BRM005	32449.0075	1000 Nos	6.36005	206377.31015038
					Total: 532119.8673541

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	43.57915364	1 Cum	75.25	3279.33131141
2	BRM079	45.235536	1 Cum.	170.5	7712.658888
3	BRM060	5.4107352	1 Cum.	309.5	1674.6225444
4	BRM052	8.1161028	1 Cum.	309.5	2511.9338166
					Total: 15178.54656041

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 721.2	Rs. 721.2
2	Provision for Contingency @ Rs. 10000	Rs. 10000
3	Provision for EI Work @ Rs. 10000	Rs. 10000
		Total Addition Component Amount (in Rs.): 20721.2

Total Net Amount (in Rs.): 999999.51527159