

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Khaira	<b>Gram Panchayat</b>	Kaithagadia

<b>Work Code</b>	OD/346/3304/116215/393410/00076288 (Beautification of Hanuman Temple at Patharakhunta)						
<b>Project Category</b>	Religious Structures						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Khaira	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Religious Structures	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	4818
<b>Fund Sanction Amount (in Rs.)</b>	500000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;"><b>Earth Work (AR0102aa)</b>  <b>: 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 &amp; 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</p>	Cum	44.59896	240.77592	10738.355625043
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	14.7176568	1503.287232	22124.865552398

3	<p style="text-align: center;"><b>Concrete (AR0303a) :</b>  <b>Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hard 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>	Cum	25.407230025962	6731.1701187	171020.38754969
4	<p style="text-align: center;"><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifcaion and direction of Engineer-in charge.</p>	Cum	14.7176568	8315.4280609	122383.61634542

5	<p style="text-align: center;"><b>Other Building Items. (AR1907) :</b>  <b>aluminum sliding window (sliding type) -</b> Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</p>	Sqm	16.72254	4152.7950064027	69445.280606369
6	<p style="text-align: center;"><b>Masonry Brick Work (AR0603bi) :</b>  <b>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>	Cum	1.41017664	5619.87197276	7925.0121757769

7	<p><b>Plastering (AR1004) : 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>	Sqm	5.57418	181.036895914	1009.1322444659
8	<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>	Sqm	5.57418	257.52544589	1435.4931899711

9	<p align="center"><b>Painting (AR0901di) :</b>  <b>Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface ) -</b>  Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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.</p>	Sqm	5.57418	72.849606979355	406.07682223218
10	<p align="center"><b>Painting (AR0918Ai) :</b>  <b>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.</p>	Sqm	5.57418	57.0910986525	318.23606028679
<b>Total Amount (in Rs.): 406806.45617165</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><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 &amp; 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</p>	-	44.59896	Cum
i	Un-Skilled	0.516	23.01306336	-
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	14.7176568	Cum
i	Un-Skilled	0.1236	1.81910238048	-

3	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	25.407230025962	Cum
i	Un-Skilled	3.9	99.088197101252	-
ii	Skilled	0.18	4.5733014046732	-
4	<p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.</p>	-	14.7176568	Cum
i	Un-Skilled	4.6	67.70122128	-

	ii	Skilled	0.68	10.008006624	-
5		<b>Other Building Items. (AR1907) : aluminum sliding window (sliding type)</b> - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.	-	16.72254	Sqm
	i	Un-Skilled	1.006711409396	16.834771812081	-
	ii	Semi-Skilled	1.006711409396	16.834771812081	-
	iii	Skilled	0.33557046979866	5.6115906040268	-
	iv	Highly-Skilled	0.33557046979866	5.6115906040268	-

6	<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>	-	1.41017664	Cum
i	Un-Skilled	2.96	4.1741228544	-
ii	Skilled	1.05	1.480685472	-
iii	Highly-Skilled	0.35	0.493561824	-
7	<p><b>Plastering (AR1004) : 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>	-	5.57418	Sqm
i	Un-Skilled	0.12	0.6689016	-

	ii	Skilled	0.14	0.7803852	-
8		<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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	5.57418	Sqm
	i	Un-Skilled	0.24	1.3378032	-
	ii	Skilled	0.16	0.8918688	-
9		<b>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface )</b> - Priming one coat with outer surface primer of approved quality water- bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	5.57418	Sqm
	i	Highly-Skilled	0.053763440860215	0.29968709677419	-

	ii	Un-Skilled	0.053763440860215	0.29968709677419	-
10		<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.	-	5.57418	Sqm
	i	Un-Skilled	0.043	0.23968974	-
	ii	Highly-Skilled	0.036	0.20067048	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	215.17656042499	462	99411.570916344
2	Skilled	23.3458381047	562	13120.361014841
3	Semi-Skilled	16.834771812081	512	8619.4031677852
4	Highly-Skilled	6.605510004801	612	4042.5721229382
				<b>Total: 125193.90722191</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><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 &amp; 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</p>	-	44.59896	Cum
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	14.7176568	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	14.7176568	1 Cum
3	<p><b>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	25.407230025962	Cum
i)	<b>BRM340</b> : Cement	2.29	58.182556759453	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	12.195470412462	1 Cum

iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	24.390940824924	1 Cum.
4	<b>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.	-	<b>14.7176568</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	47.538031464	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	6.62294556	1 Cum
iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	13.24589112	1 Cum.
5	<b>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) -</b> Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.	-	<b>16.72254</b>	Sqm

i)	<b>BRMMR0005</b> : Handel with lock	1.3422818791946	22.446362416107	Each
ii)	<b>BRM271</b> : Black glass (I.S.I.) 5mm	1.1006711409396	18.406017181208	Sqm
iii)	<b>BRMMR0008</b> : Hire charges of drills machine	0.67114093959732	11.223181208054	Day
iv)	<b>BRMMR0013</b> : Al. wheel runner	5.3691275167785	89.78544966443	Each
v)	<b>BRMMR0012</b> : Window pile	5.0335570469799	84.173859060403	Mtr
vi)	<b>BRMMR0011</b> : U rubber beading	6.5436241610738	109.42601677852	Mtr
vii)	<b>BRMMR0010</b> : Al. Screws of different sizes	0.67114093959732	11.223181208054	L.S.
viii)	<b>BRMMR0009</b> : PVC Plug	5.3691275167785	89.78544966443	Each
ix)	<b>BRM304</b> : Aluminium extruded section	5.1330201342282	85.837134515436	kg
6	<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.	-	<b>1.41017664</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1.41017664	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	0.94763870208	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.3948494592	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 ± 2 %	350	493.561824	1000 Nos
7	<b>Plastering (AR1004)</b> :.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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	<b>5.57418</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.199555644	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.0836127	1 Cum
8	<b>Plastering (AR1014)</b> :.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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>5.57418</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	0.23968974	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.10033524	1 Cum

9	<b>Painting(AR0901di)</b> :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface ) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	5.57418	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	0.50347432258065	1 Ltr
10	<b>Painting(AR0918Ai)</b> :.Finishing wall one coat with weather coat - 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.	-	5.57418	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	0.4180635	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	14.7176568	1 Cum	989.05	14556.49845804
2	<b>BRM340</b>	107.10747230953	1 Qntl.	561.987	60193.007040818
3	<b>BRM028</b>	19.397213371662	1 Cum	993.99	19280.636119298
4	<b>BRM045</b>	24.390940824924	1 Cum.	1545.11	37686.686577998
5	<b>BRM056</b>	13.24589112	1 Cum.	2154.37	28536.550452194
6	<b>BRMMR0005</b>	22.446362416107	Each	40	897.8544966443
7	<b>BRM271</b>	18.406017181208	Sqm	705.01	12976.426172923
8	<b>BRMMR0008</b>	11.223181208054	Day	100	1122.3181208054
9	<b>BRMMR0013</b>	89.78544966443	Each	25	2244.6362416107
10	<b>BRMMR0012</b>	84.173859060403	Mtr	10	841.73859060403
11	<b>BRMMR0011</b>	109.42601677852	Mtr	15	1641.3902516779
12	<b>BRMMR0010</b>	11.223181208054	L.S.	30	336.69543624161
13	<b>BRMMR0009</b>	89.78544966443	Each	1.5	134.67817449664

14	<b>BRM304</b>	85.837134515436	kg	297.97	25576.890971565
15	<b>BRMMR0025</b>	1.41017664	1 Cum	33	46.53582912
16	<b>BRM005</b>	493.561824	1000 Nos	7.18465	3546.0689588016
17	<b>BRM253</b>	0.50347432258065	1 Ltr	159.27787	80.192317700338
18	<b>BRM255</b>	0.4180635	1 Ltr	195.03787	81.538214564745
<b>Total: 209780.3424251</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	14.7176568	1 Cum	442.25	6508.8837198
2	<b>BRM028</b>	19.397213371662	1 Cum	442.25	8578.4176136174
3	<b>BRM045</b>	24.390940824924	1 Cum.	1125.5	27452.003898451
4	<b>BRM056</b>	13.24589112	1 Cum.	1125.5	14908.25045556
<b>Total: 57447.555687429</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Provision for Contingency @ 1%	Rs. 4068.0645617165
3	Any Other Lumpsum @ Rs. 84125	Rs. 84125
<b>Total Addition Component Amount (in Rs.): 93193.064561716</b>		

**Total Net Amount (in Rs.): 499999.52073337**