

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Gunupur	Gram Panchayat	Dombosora

Work Code	OD/370/3550/121146/426749/00074035 (Construction of CC and paver road at Thakurani Temple)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Gunupur	Proposal Date	12-11-2025
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	40
Fund Sanction Amount (in Rs.)	300000

### 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	73.26	240.77592	17639.2438992
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	21.09	596.408232	12578.24961288

3	<p align="center"><b>R.C.C. Work (AR0410c) :</b>  <b>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>	Sqm	26.085	216.23489289764	5640.4871812349
4	<p align="center"><b>Concrete (AR0303a) :</b>  <b>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>	Cum	29.47999999495	5132.38230842	151302.6304263

5	<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 specificaion and direction of Engineer-in charge.</p>	Cum	13.433	6871.86047654	92309.701781362
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6	<p><b>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</b></p>	Sqm	16	624.402	9990.432
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**Total Amount (in Rs.): 289460.74490098**

**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></p> <p>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>	-	73.26	Cum
i	Un-Skilled	0.516	37.80216	-
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b></p> <p>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>	-	21.09	Cum
i	Un-Skilled	0.1236	2.606724	-

3	<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>	-	26.085	Sqm
i	Semi-Skilled	0.05	1.30425	-
ii	Skilled	0.05	1.30425	-
4	<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>	-	29.47999999495	Cum
i	Un-Skilled	3.9	114.97199998031	-
ii	Skilled	0.18	5.306399999091	-

5	<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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.	-	13.433	Cum
i	Un-Skilled	4.6	61.7918	-
ii	Skilled	0.68	9.13444	-

6	<p><b>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b></p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	16	Sqm
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	217.1726839803	462	100333.7799989
2	Semi-Skilled	1.30425	512	667.776
3	Skilled	15.745089999091	562	8848.7405794891
<b>Total:</b>				<b>109850.29657839</b>

### MATERIAL STATEMENT

Sl.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>	-	73.26	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>	-	21.09	Cum
i)	<p><b>BRM029 : Sand for filling and road blinding</b></p>	1	21.09	1 Cum
3	<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>	-	26.085	Sqm
i)	<p><b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b></p>	0.00267	0.06964695	1Cum.

ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.28671	1Mtr.
4	<b>Concrete (AR0303a)</b> :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>29.47999999495</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	67.509199988435	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.150399997576	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	28.300799995152	1 Cum.
5	<b>Concrete (AR0307)</b> :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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 specifaion and direction of Engineer-in charge.	-	<b>13.433</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	43.38859	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	6.04485	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	12.0897	1 Cum.
6	<b>miscellaneous(ARM287) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b> Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	16	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.03	0.48	1 Cum
ii)	<b>BRMM287</b> : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	16	1 Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	21.57	1 Cum	478.15	10313.6955
2	<b>BRM104</b>	0.06964695	1Cum.	58573.086	4079.4367919877

3	<b>BRM092</b>	3.28671	1Mtr.	229.106	753.00498126
4	<b>BRM340</b>	110.89778998844	1 Qntl.	606.637	67274.702625215
5	<b>BRM028</b>	20.195249997576	1 Cum	483.09	9756.123321329
6	<b>BRM045</b>	28.300799995152	1 Cum.	1193.57	33778.985850214
7	<b>BRM056</b>	12.0897	1 Cum.	1802.83	21795.673851
8	<b>BRMM287</b>	16	1 Sqm	608.4	9734.4
					<b>Total: 157486.022921</b>

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	21.57	1 Cum	55.25	1191.7425
2	<b>BRM028</b>	20.195249997576	1 Cum	55.25	1115.7875623661
3	<b>BRM045</b>	28.300799995152	1 Cum.	156.5	4429.0751992413
4	<b>BRM056</b>	12.0897	1 Cum.	156.5	1892.03805
					<b>Total: 8628.6433116074</b>

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 2539	Rs. 2539
		<b>Total Addition Component Amount (in Rs.): 10539</b>

**Total Net Amount (in Rs.): 299999.74490098**