

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Koraput	<b>Block</b>	Dasamantapur	<b>Gram Panchayat</b>	Nandigam

<b>Work Code</b>	OD/363/3469/119772/428882/00067282 (CONSTRUCTION OF PAVER BLOCK ROAD AT BANUAGUDA)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Dasamantapur	<b>Proposal Date</b>	08-09-2025
<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>	Pavor Block	<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>	5249
<b>Fund Sanction Amount (in Rs.)</b>	400000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</b>	Sqm	315	4.6662	1469.853

2	<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	14.655	240.77592	3528.5711076
3	<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	37.8	587.318232	22200.6291696

4	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	0.9	5794.6045523	5215.14409707
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 specifcaion and direction of Engineer-in charge.</p>	Cum	19.815	7300.7431961	144664.22643072

6	<p style="text-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	83.1	217.18138636004	18047.773206519
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7	<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	315	624.132	196601.58
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**Total Amount (in Rs.): 391727.77701151**

**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 (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation -</b>  Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	315	Sqm
i	Un-Skilled	0.01	3.15	-
2	<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>	-	14.655	Cum
i	Un-Skilled	0.516	7.56198	-
3	<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>	-	37.8	Cum

	i	Un-Skilled	0.1236	4.67208	-
4		<p><b>Concrete (AR0303) :</b>  <b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	0.9	Cum
	i	Skilled	0.18	0.162	-
	ii	Un-Skilled	3.9	3.51	-
5		<p><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 specifaion and direction of Engineer-in charge.</p>	-	19.815	Cum

	i	Un-Skilled	4.6	91.149	-
	ii	Skilled	0.68	13.4742	-
6		<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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</b>	-	83.1	Sqm
	i	Semi-Skilled	0.05	4.155	-
	ii	Skilled	0.05	4.155	-

7	<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>	-	315	Sqm
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SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	110.04306	462	50839.89372
2	Skilled	17.7912	562	9998.6544
3	Semi-Skilled	4.155	512	2127.36
<b>Total: 62965.90812</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 (AR0110)</b>  <b>:.Fine dressing of earth work in ordinary or hard soil in road formation -</b>  Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	315	Sqm
2	<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>	-	14.655	Cum
3	<p><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>	-	37.8	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	37.8	1 Cum

4	<p><b>Concrete (AR0303)</b>  <b>:.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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	0.9	Cum
i)	<b>BRM340</b> : Cement	2.29	2.061	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	0.432	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.864	1 Cum.
5	<p><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>	-	19.815	Cum
i)	<b>BRM340</b> : Cement	3.23	64.00245	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	8.91675	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	17.8335	1 Cum.
6	<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	-	<b>83.1</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.221877	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.4706	1Mtr.

7	miscellaneous(ARM28 7) :.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.	-	315	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.03	9.45	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	315	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	47.25	1 Cum	478.15	22592.5875
2	<b>BRM340</b>	66.06345	1 Qntl.	607.957	40163.73687165
3	<b>BRM028</b>	9.34875	1 Cum	742.47	6941.1664125
4	<b>BRM044</b>	0.864	1 Cum.	1661.86	1435.84704
5	<b>BRM056</b>	17.8335	1 Cum.	2063.23	36794.612205
6	<b>BRM104</b>	0.221877	1Cum.	58858.446	13059.335423142
7	<b>BRM092</b>	10.4706	1Mtr.	514.466	5386.7676996

8	BRMM287	315	1 Sqm	608.4	191646
<b>Total: 318020.05315189</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	47.25	1 Cum	46.25	2185.3125
2	BRM028	9.34875	1 Cum	46.25	432.3796875
3	BRM044	0.864	1 Cum.	252.5	218.16
4	BRM056	17.8335	1 Cum.	252.5	4502.95875
<b>Total: 7338.8109375</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3917.2777701151
2	Display Citizen Board @ Rs. 4354.94	Rs. 4354.94
<b>Total Addition Component Amount (in Rs.): 8272.2177701151</b>		

**Total Net Amount (in Rs.): 399999.99478163**