

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Gajapati	<b>Block</b>	Mohona	<b>Gram Panchayat</b>	Kattama
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<b>Work Code</b>	OD/353/3360/117508/413471/00071540 (Construction of CC Road with drain at Janabasati sahi Danigain)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Mohona	<b>Proposal Date</b>	18-09-2025
<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>	CC Road	<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>	3398
<b>Fund Sanction Amount (in Rs.)</b>	300000

## ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<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.	Cum	14.674	1125.102832	16509.758956768

2	<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	23.138	5966.49984792	138052.87348117
3	<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	51.52	216.23489289764	11140.421682086

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 - 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.</b></p>	Cum	16.79	7449.00725104	125068.83174496
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5	<p><b>Earth Work (AR0103aa)</b>  <b>: Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m -</b>  Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	Cum	4.8668	375.4984464	1827.4758389395
<b>Total Amount (in Rs.): 292599.36170393</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	14.674	Cum

	i	Un-Skilled	0.1236	1.8137064	-
2		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</b>	-	23.138	Cum
	i	Skilled	0.18	4.16484	-
	ii	Un-Skilled	3.9	90.2382	-
3		<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>	-	51.52	Sqm
	i	Semi-Skilled	0.05	2.576	-

	ii	Skilled	0.05	2.576	-
4		<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.	-	16.79	Cum
	i	Un-Skilled	4.6	77.234	-
	ii	Skilled	0.68	11.4172	-

5	<b>Earth Work (AR0103aa) :</b> <b>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m -</b> Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department	-	4.8668	Cum
i	Un-Skilled	0.80472	3.916411296	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	173.202317696	462	80019.470775552
2	Skilled	18.15804	562	10204.81848
3	Semi-Skilled	2.576	512	1318.912
<b>Total:</b>				<b>91543.201255552</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	<b>Earth Work (AR0115)</b> :.Filling foundation and plinth with sand well watered and rammed - 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.	-	14.674	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	14.674	1 Cum
2	<b>Concrete (AR0303)</b> :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	23.138	Cum
i)	<b>BRM340</b> : Cement	2.29	52.98602	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	11.10624	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.21248	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>	-	51.52	Sqm
i)	<p><b>BRM104</b> : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.1375584	1Cum.
ii)	<p><b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	6.49152	1Mtr.
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>	-	16.79	Cum
i)	<p><b>BRM340</b> : Cement</p>	3.23	54.2317	1 Qntl.
ii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.45	7.5555	1 Cum
iii)	<p><b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</p>	0.9	15.111	1 Cum.

5	<p><b>Earth Work (AR0103aa)</b>  <b>∴ Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m -</b>  Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	4.8668	Cum
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SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	14.674	1 Cum	777.61	11410.64914
2	BRM340	107.21772	1 Qntl.	602.97	64649.0686284
3	BRM028	18.66174	1 Cum	756.51	14117.7929274
4	BRM044	22.21248	1 Cum.	1700.92	37781.6514816
5	BRM104	0.1375584	1Cum.	58573.086	8057.2199932224
6	BRM092	6.49152	1Mtr.	229.106	1487.24618112
7	BRM056	15.111	1 Cum.	2076.25	31374.21375
<b>Total: 168877.84210174</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	14.674	1 Cum	279.25	4097.7145
2	BRM028	18.66174	1 Cum	279.25	5211.290895
3	BRM044	22.21248	1 Cum.	269.5	5986.26336
4	BRM056	15.111	1 Cum.	269.5	4072.4145
<b>Total: 19367.683255</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 2925.9936170393
2	Display Citizen Board @ Rs. 4474	Rs. 4474
<b>Total Addition Component Amount (in Rs.): 7399.9936170393</b>		

**Total Net Amount (in Rs.): 299999.35532097**