

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nayagarh	<b>Block</b>	Gania	<b>Gram Panchayat</b>	Adakata

<b>Work Code</b>	OD/367/3525/120626/405363/00108724 (Construction of CC Road from Pragana UP School to Harijanasahi Jagannath Prasad)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Gania	<b>Proposal Date</b>	20-01-2026
<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>	919
<b>Fund Sanction Amount (in Rs.)</b>	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	2.673	240.77592	643.59403416
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	13.563	701.882532	9519.632781516

3	<p style="text-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	18.018	5204.70779434	93778.425038418
4	<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	37.84	216.39264180804	8188.2975660162

5	<p 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	25.666435	6895.29460158	176977.6306973
<b>Total Amount (in Rs.): 289107.58011741</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0102aa) :</b> Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - 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>	-	2.673	Cum

	i	Un-Skilled	0.516	1.379268	-
2		<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	13.563	Cum
	i	Un-Skilled	0.1236	1.6763868	-
3		<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	18.018	Cum
	i	Un-Skilled	3.9	70.2702	-
	ii	Skilled	0.18	3.24324	-

4	<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>	-	37.84	Sqm
i	Semi-Skilled	0.05	1.892	-
ii	Skilled	0.05	1.892	-
5	<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 specifaion and direction of Engineer-in charge.</p>	-	25.666435	Cum
i	Un-Skilled	4.6	118.065601	-
ii	Skilled	0.68	17.4531758	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	191.3914558	462	88422.8525796
2	Skilled	22.5884158	562	12694.6896796
3	Semi-Skilled	1.892	512	968.704
<b>Total:</b>				<b>102086.2462592</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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 & 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	-	<b>2.673</b>	Cum
2	<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.	-	<b>13.563</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	13.563	1 Cum

3	<p><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>	-	18.018	Cum
i)	<b>BRM340</b> : Cement	2.29	41.26122	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	8.64864	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	17.29728	1 Cum.
4	<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>	-	37.84	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1010328	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.76784	1Mtr.

5	<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 specifaion and direction of Engineer-in charge.	-		<b>25.666435</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23		82.90258505	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45		11.54989575	1 Cum
iii)	<b>BRM056 : 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)</b>	0.9		23.0997915	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	13.563	1 Cum	332.58	4510.78254
2	<b>BRM340</b>	124.16380505	1 Qntl.	553.802	68762.1635643
3	<b>BRM028</b>	20.19853575	1 Cum	508.27	10266.309765653
4	<b>BRM045</b>	17.29728	1 Cum.	1233.74	21340.3462272
5	<b>BRM104</b>	0.1010328	1Cum.	58620.646	5922.6080031888
6	<b>BRM092</b>	4.76784	1Mtr.	276.666	1319.09922144
7	<b>BRM056</b>	23.0997915	1 Cum.	1867.93	43148.793536595
<b>Total: 155270.10285838</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	13.563	1 Cum	305.25	4140.10575
2	<b>BRM028</b>	20.19853575	1 Cum	305.25	6165.6030376875
3	<b>BRM045</b>	17.29728	1 Cum.	199.5	3450.80736

4	BRM056	23.0997915	1 Cum.	199.5	4608.40840425
					<b>Total: 18364.924551938</b>

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2891.0758011741
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 3000	Rs. 3000
		<b>Total Addition Component Amount (in Rs.): 10891.075801174</b>

**Total Net Amount (in Rs.): 299998.65591859**