

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Lephipara	<b>Gram Panchayat</b>	Darlipali

<b>Work Code</b>	OD/373/3584/121694/383781/00071379 (Construction of Cement Concrete Road from Sahajbahal School to Basti)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Lephipara	<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>	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>	5197
<b>Fund Sanction Amount (in Rs.)</b>	339859

### 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	224	4.6662	1045.2288

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	4.32	240.77592	1040.1519744
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	20.96	1217.962232	25528.48838272

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	24.56	5564.28594202	136658.86273601
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	22.3545	7030.36979574	157160.40159887

6	<p><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	38.4	217.18138636004	8339.7652362255
7	<p><b>miscellaneous (ARM017) :</b>  <b>Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge. -</b>  Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.</p>	Rmt	149.27822	2.01	300.0492222
<b>Total Amount (in Rs.): 330072.94795043</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 (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>	-	224	Sqm
i	Un-Skilled	0.01	2.24	-
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>	-	4.32	Cum
i	Un-Skilled	0.516	2.22912	-
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>	-	20.96	Cum

	i	Un-Skilled	0.1236	2.590656	-
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>	-	24.56	Cum
	i	Skilled	0.18	4.4208	-
	ii	Un-Skilled	3.9	95.784	-
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>	-	22.3545	Cum

	i	Un-Skilled	4.6	102.8307	-
	ii	Skilled	0.68	15.20106	-
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>	-	38.4	Sqm
	i	Semi-Skilled	0.05	1.92	-
	ii	Skilled	0.05	1.92	-
7		<b>miscellaneous (ARM017) : Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge. - Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.</b>	-	149.27822	Rmt

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	205.674476	462	95021.607912

2	Skilled	21.54186	562	12106.52532
3	Semi-Skilled	1.92	512	983.04
				<b>Total: 108111.173232</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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>	-	224	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>	-	4.32	Cum

3	<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.	-	20.96	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	20.96	1 Cum
4	<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.	-	24.56	Cum
i)	<b>BRM340</b> : Cement	2.29	56.2424	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	11.7888	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.5776	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 specifaion and direction of Engineer-in charge.</p>	-	22.3545	Cum
i)	<b>BRM340</b> : Cement	3.23	72.205035	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	10.059525	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	20.11905	1 Cum.
6	<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>	-	38.4	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.102528	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.8384	1Mtr.

7	miscellaneous(ARM017) :Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge. - Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.	-	149.27822	Rmt
i)	BRMM017 : Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works)	1	149.27822	Rmt

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	20.96	1 Cum	738.55	15480.008
2	BRM340	128.447435	1 Qntl.	561.242	72090.09531427
3	BRM028	21.848325	1 Cum	743.49	16244.01115425
4	BRM044	23.5776	1 Cum.	1453.54	34270.984704
5	BRM056	20.11905	1 Cum.	1854.91	37319.0270355
6	BRM104	0.102528	1Cum.	58858.446	6034.638751488
7	BRM092	4.8384	1Mtr.	514.466	2489.1922944
8	BRMM017	149.27822	Rmt	2.01	300.0492222
<b>Total: 184228.00647611</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	20.96	1 Cum	410.25	8598.84
2	BRM028	21.848325	1 Cum	410.25	8963.27533125
3	BRM044	23.5776	1 Cum.	159.5	3760.6272
4	BRM056	20.11905	1 Cum.	159.5	3208.988475
<b>Total: 24531.73100625</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3398	Rs. 3398

2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1388.05	Rs. 1388.05
<b>Total Addition Component Amount (in Rs.): 9786.05</b>		

**Total Net Amount (in Rs.): 339858.99795043**