

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Lathikata	<b>Gram Panchayat</b>	Bad-Dalki

<b>Work Code</b>	OD/373/3583/121675/384596/00067202 (Construction of Cement Concrete Road from Musapali RD Road to Kendu Tree)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Lathikata	<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>	4395
<b>Fund Sanction Amount (in Rs.)</b>	611000

### 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	44.3784	240.77592	10685.250088128
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	31.365	741.908832	23269.97051568

3	<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	41.2665	5575.23146352	230070.28918935
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	57.81	216.39264180804	12509.658622923

5	<p align="center"><b>Concrete (AR0307) : Third floor</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	37.515	8353.20900364	313370.63577155
<b>Total Amount (in Rs.): 589905.80418763</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	44.3784	Cum
i	Un-Skilled	0.516	22.8992544	-

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.	-	31.365	Cum
i	Un-Skilled	0.1236	3.876714	-
3	<b>Concrete (AR0303) : 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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	41.2665	Cum
i	Skilled	0.18	7.42797	-
ii	Un-Skilled	3.9	160.93935	-

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>	-	57.81	Sqm
i	Semi-Skilled	0.05	2.8905	-
ii	Skilled	0.05	2.8905	-
5	<p><b>Concrete (AR0307) : Third floor -</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 specification and direction of Engineer-in charge.</p>	-	37.515	Cum
i	Un-Skilled	6.996025	262.455877875	-
ii	Skilled	1.034195	38.797825425	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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1	Un-Skilled	450.171196275	462	207979.09267905
2	Skilled	49.116295425	562	27603.35802885
3	Semi-Skilled	2.8905	512	1479.936
				<b>Total: 237062.3867079</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>44.3784</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>31.365</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	31.365	1 Cum

3	<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>	-	41.2665	Cum
i)	<b>BRM340</b> : Cement	2.29	94.500285	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	19.80792	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	39.61584	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>	-	57.81	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1543527	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.28406	1Mtr.

5	<b>Concrete (AR0307)</b> :.Third floor - 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.	-	37.515	Cum
i)	<b>BRM340</b> : Cement	3.23	121.17345	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	16.88175	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	33.7635	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	31.365	1 Cum	517.21	16222.29165
2	<b>BRM340</b>	215.673735	1 Qntl.	555.297	119762.9780243
3	<b>BRM028</b>	36.68967	1 Cum	522.15	19157.5111905
4	<b>BRM044</b>	39.61584	1 Cum.	1544.68	61193.7957312
5	<b>BRM104</b>	0.1543527	1Cum.	58620.646	9048.2549858442
6	<b>BRM092</b>	7.28406	1Mtr.	276.666	2015.25174396
7	<b>BRM056</b>	33.7635	1 Cum.	1946.05	65705.459175
<b>Total: 293105.5425008</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	31.365	1 Cum	160.25	5026.24125
2	<b>BRM028</b>	36.68967	1 Cum	160.25	5879.5196175
3	<b>BRM044</b>	39.61584	1 Cum.	329.5	13053.41928
4	<b>BRM056</b>	33.7635	1 Cum.	329.5	11125.07325
<b>Total: 35084.2533975</b>					

**ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 5899.0580418763
2	Display Citizen Board @ Rs. 4195	Rs. 4195
<b>Total Addition Component Amount (in Rs.): 10094.058041876</b>		

**Total Net Amount (in Rs.): 599999.86222951**