

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Nilgiri	<b>Gram Panchayat</b>	K.P.Lakharaj

<b>Work Code</b>	OD/346/3305/116242/393136/00068325 (Const of CC road from Rabi Kar House to Ramachandra Roul house)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nilgiri	<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>	4598
<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	4.6244874	240.77592	1113.4652082634
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	24.073456728	987.278232	23767.199796548

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	22.46544759648	6296.62646226	141456.53182251
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</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	14.647789694889	7743.02507662	113418.20292458

5	<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	Sqm	50.1211685	216.23489289764	10837.945502502
<b>Total Amount (in Rs.): 290593.34525441</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	4.6244874	Cum
i	Un-Skilled	0.516	2.3862354984	-

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.	-	24.073456728	Cum
i	Un-Skilled	0.1236	2.9754792515808	-
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.	-	22.46544759648	Cum
i	Skilled	0.18	4.0437805673664	-
ii	Un-Skilled	3.9	87.615245626272	-

4	<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>	-	14.647789694889	Cum
	i Un-Skilled	4.6	67.379832596489	-
	ii Skilled	0.68	9.9604969925245	-
5	<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>	-	50.1211685	Sqm
	i Semi-Skilled	0.05	2.506058425	-
	ii Skilled	0.05	2.506058425	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	160.35679297274	462	74084.838353407
2	Skilled	16.510335984891	562	9278.8088235087
3	Semi-Skilled	2.506058425	512	1283.1019136
<b>Total:</b>				<b>84646.749090516</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>4.6244874</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>24.073456728</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	24.073456728	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>	-	<b>22.46544759648</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	51.445874995939	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	10.78341484631	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.566829692621	1 Cum.
4	<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>	-	<b>14.647789694889</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	47.312360714491	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	6.5915053627001	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	13.1830107254	1 Cum.
5	<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>50.1211685</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.133823519895	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.315267231	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	24.073456728	1 Cum	478.15	11510.723334493
2	<b>BRM340</b>	98.758235710431	1 Qntl.	582.357	57512.549873619
3	<b>BRM028</b>	17.37492020901	1 Cum	483.09	8393.6502037709
4	<b>BRM044</b>	21.566829692621	1 Cum.	1903.16	41045.127597808
5	<b>BRM056</b>	13.1830107254	1 Cum.	2304.53	30380.643707006
6	<b>BRM104</b>	0.133823519895	1Cum.	58573.086	7838.4565396325
7	<b>BRM092</b>	6.315267231	1Mtr.	229.106	1446.8656142255
<b>Total:</b>					<b>158128.01687056</b>

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	24.073456728	1 Cum	442.25	10646.486237958
2	<b>BRM028</b>	17.37492020901	1 Cum	442.25	7684.0584624349
3	<b>BRM044</b>	21.566829692621	1 Cum.	522.5	11268.668514394

4	BRM056	13.1830107254	1 Cum.	522.5	6888.1231040216
<b>Total: 36487.336318809</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1406.65	Rs. 1406.65
<b>Total Addition Component Amount (in Rs.): 9406.65</b>		

**Total Net Amount (in Rs.): 299999.99525441**