

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasure	<b>Block</b>	Nilgiri	<b>Gram Panchayat</b>	Begunia

<b>Work Code</b>	OD/346/3305/116232/393111/00068157 (Const. of C.C. Road from Begunia Bhuban Mahanna Chhak to Joda)
<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>	3808
<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	20.48996851968	921.527232	18882.063973708

2	<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	30.90325392	216.39264180804	6687.2367562135
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>	Cum	23.21633267712	6098.7038262	141589.53692828

4	<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	15.506846016	7742.0016214	120054.02699867
5	<p 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	4.709650176	240.77592	1133.9703540046
<b>Total Amount (in Rs.): 288346.83501088</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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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>	-	20.48996851968	Cum
i	Un-Skilled	0.1236	2.5325601090324	-
2	<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>	-	30.90325392	Sqm
i	Semi-Skilled	0.05	1.545162696	-
ii	Skilled	0.05	1.545162696	-

3	<p><b>Concrete (AR0303a) : 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>	-	23.21633267712	Cum
i	Un-Skilled	3.9	90.543697440768	-
ii	Skilled	0.18	4.1789398818816	-
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>	-	15.506846016	Cum
i	Un-Skilled	4.6	71.3314916736	-

	ii	Skilled	0.68	10.54465529088	-
5		<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	-	4.709650176	Cum
	i	Un-Skilled	0.516	2.430179490816	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	166.83792871422	462	77079.123065968
2	Semi-Skilled	1.545162696	512	791.123300352
3	Skilled	16.268757868762	562	9143.041922244
<b>Total:</b>				<b>87013.288288564</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.	-	<b>20.48996851968</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	20.48996851968	1 Cum
2	<b>R.C.C. Work (AR0410c)</b> :.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>30.90325392</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0825116879664	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.89380999392	1Mtr.

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>	-	<b>23.21633267712</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	53.165401830605	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	11.143839685018	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	22.287679370035	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>15.506846016</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	50.08711263168	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	6.9780807072	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	13.9561614144	1 Cum.
5	<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>4.709650176</b>	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	20.48996851968	1 Cum	413.05	8463.3814970538
2	<b>BRM104</b>	0.0825116879664	1Cum.	58620.646	4836.8884511408
3	<b>BRM092</b>	3.89380999392	1Mtr.	276.666	1077.2848357779
4	<b>BRM340</b>	103.25251446228	1 Qntl.	579.822	59868.079440551
5	<b>BRM028</b>	18.121920392218	1 Cum	417.99	7574.781504743
6	<b>BRM045</b>	22.287679370035	1 Cum.	1741.27	38808.867456661
7	<b>BRM056</b>	13.9561614144	1 Cum.	2350.53	32804.37608939
<b>Total: 153433.65927532</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	20.48996851968	1 Cum	442.25	9061.6885778285
2	<b>BRM028</b>	18.121920392218	1 Cum	442.25	8014.4192934582
3	<b>BRM045</b>	22.287679370035	1 Cum.	522.5	11645.312470843
4	<b>BRM056</b>	13.9561614144	1 Cum.	522.5	7292.094339024
<b>Total: 36013.514681154</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 3653.16	Rs. 3653.16
<b>Total Addition Component Amount (in Rs.): 11653.16</b>		

**Total Net Amount (in Rs.): 299999.99501088**