

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Patana	<b>Gram Panchayat</b>	Murusuan
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<b>Work Code</b>	OD/361/3453/119486/385716/00067338 (Const. of CC Road from Sudam House to Laxmi Mandap at Kimirdaposi)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Patana	<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>	6473
<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	23.89811060736	240.77592	5754.0895677489
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	21.529829376	639.999832	13779.087183629

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	23.89811060736	5546.00881032	132539.13197842
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	18.920153088	7328.85369184	138663.03380917

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	10.99228296	216.39264180804	2378.6491492159
<b>Total Amount (in Rs.): 293113.99168818</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	23.89811060736	Cum
i	Un-Skilled	0.516	12.331425073398	-

2	<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>	-	21.529829376	Cum
i	Un-Skilled	0.1236	2.6610869108736	-
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>	-	23.89811060736	Cum
i	Un-Skilled	3.9	93.202631368704	-
ii	Skilled	0.18	4.3016599093248	-

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>	-	18.920153088	Cum
	i Un-Skilled	4.6	87.0327042048	-
	ii Skilled	0.68	12.86570409984	-
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>	-	10.99228296	Sqm
	i Semi-Skilled	0.05	0.549614148	-
	ii Skilled	0.05	0.549614148	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	195.22784755778	462	90195.265571692
2	Skilled	17.716978157165	562	9956.9417243266
3	Semi-Skilled	0.549614148	512	281.402443776
<b>Total:</b>				<b>100433.60973979</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>23.89811060736</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>21.529829376</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	21.529829376	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>	-	<b>23.89811060736</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	54.726673290854	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	11.471093091533	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	22.942186183066	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>18.920153088</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	61.11209447424	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	8.5140688896	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	17.0281377792	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>10.99228296</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0293493955032	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.38502765296	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	21.529829376	1 Cum	526.31	11331.364498883
2	<b>BRM340</b>	115.83876776509	1 Qntl.	584.892	67753.168555662
3	<b>BRM028</b>	19.985161981133	1 Cum	536.31	10718.242222101
4	<b>BRM045</b>	22.942186183066	1 Cum.	1481.71	33993.66668931
5	<b>BRM056</b>	17.0281377792	1 Cum.	2101.71	35788.207451922
6	<b>BRM104</b>	0.0293493955032	1Cum.	58620.646	1720.4805241071
7	<b>BRM092</b>	1.38502765296	1Mtr.	276.666	383.19006063383
<b>Total: 161688.32000262</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	21.529829376	1 Cum	50.25	1081.873926144
2	<b>BRM028</b>	19.985161981133	1 Cum	50.25	1004.2543895519
3	<b>BRM045</b>	22.942186183066	1 Cum.	329.5	7559.4503473201

4	BRM056	17.0281377792	1 Cum.	424.5	7228.4444872704
<b>Total: 16874.023150286</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 886	Rs. 886
		<b>Total Addition Component Amount (in Rs.): 6886</b>

**Total Net Amount (in Rs.): 299999.99168818**