

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Saintala	<b>Gram Panchayat</b>	Kermeli
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<b>Work Code</b>	OD/345/3295/115997/421076/00103125 (CONST OF CC ROAD NEAR SAMARA SHIBA MANDIR Length 82 Mtr)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Saintala	<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>	1074
<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	5.49	240.77592	1321.8598008
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	15.86	453.796232	7197.20823952

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	28.67	5049.21167076	144760.89860069
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	36.6	216.23489289764	7914.1970800536

5	<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	19.52	6513.49910212	127143.50247338
6	<p align="center"><b>Earth Work (AR0122Bi) :</b>  <b>Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b> Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	Cum	7.625	310.01110892	2363.834705515
<b>Total Amount (in Rs.): 290701.50089996</b>					

**LABOUR STATEMENT**

Sl.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	-	5.49	Cum
i	Un-Skilled	0.516	2.83284	-
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.	-	15.86	Cum
i	Un-Skilled	0.1236	1.960296	-

3	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm.</b>  <b>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>	-	28.67	Cum
i	Skilled	0.18	5.1606	-
ii	Un-Skilled	3.9	111.813	-
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>	-	36.6	Sqm
i	Semi-Skilled	0.05	1.83	-
ii	Skilled	0.05	1.83	-

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>	-	19.52	Cum
i	Un-Skilled	4.6	89.792	-
ii	Skilled	0.68	13.2736	-
6	<p><b>Earth Work (AR0122Bi) :</b>  <b>Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b> Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	7.625	Cum
i	Un-Skilled	0.32	2.44	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	208.838136	462	96483.218832

2	Skilled	20.2642	562	11388.4804
3	Semi-Skilled	1.83	512	936.96
				<b>Total: 108808.659232</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>5.49</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>15.86</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	15.86	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>28.67</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	65.6543	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	13.7616	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.5232	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>	-	<b>36.6</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.097722	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.6116	1Mtr.

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>	-	19.52	Cum
i)	<b>BRM340</b> : Cement	3.23	63.0496	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	8.784	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	17.568	1 Cum.
6	<p><b>Earth Work (AR0122Bi)</b>  <b>:.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b>  Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	7.625	Cum
i)	<b>BRMM402</b> : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-5.082825	1 Cum

ii)	<b>BRMM401 :</b> Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	7.625	1 Cum
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SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	15.86	1 Cum	347.95	5518.487
2	<b>BRM340</b>	128.7039	1 Qntl.	534.912	68845.2605568
3	<b>BRM028</b>	22.5456	1 Cum	417.99	9423.835344
4	<b>BRM044</b>	27.5232	1 Cum.	1336.36	36780.903552
5	<b>BRM104</b>	0.097722	1Cum.	58573.086	5723.879110092
6	<b>BRM092</b>	4.6116	1Mtr.	229.106	1056.5452296
7	<b>BRM056</b>	17.568	1 Cum.	1737.73	30528.44064
8	<b>BRMM402</b>	-5.082825	1 Cum	175.38	-891.4258485
9	<b>BRMM401</b>	7.625	1 Cum	276.01	2104.57625
<b>Total: 159090.50183399</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	15.86	1 Cum	44.25	701.805
2	<b>BRM028</b>	22.5456	1 Cum	44.25	997.6428
3	<b>BRM044</b>	27.5232	1 Cum.	165.32	4550.135424
4	<b>BRM056</b>	17.568	1 Cum.	165.32	2904.34176
<b>Total: 9153.924984</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. 1298.49	Rs. 1298.49
<b>Total Addition Component Amount (in Rs.): 9298.49</b>		

**Total Net Amount (in Rs.): 299999.99089996**