

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Hatadihi	<b>Gram Panchayat</b>	Samana

<b>Work Code</b>	OD/361/3449/119408/387232/00075341 (CONST OF CC ROAD WITH STEP AND RETAINING WALL AT AMINA TUTHA SLOPE AT AGIRIA)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Hatadihi	<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>	6776
<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	37.050833792	240.77592	8920.9485930359
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	19.854465904	978.652832	19430.629284797

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	25.798303808	5850.19045982	150924.9908171
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	7.43224	216.23489289764	1607.1096203896

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	15.07020096	7298.23316834	109985.84049982
<b>Total Amount (in Rs.): 290869.51881514</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0102aa) :</b> Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - 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>	-	37.050833792	Cum

	i	Un-Skilled	0.516	19.118230236672	-
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.	-	19.854465904	Cum
	i	Un-Skilled	0.1236	2.4540119857344	-
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.	-	25.798303808	Cum
	i	Skilled	0.18	4.64369468544	-
	ii	Un-Skilled	3.9	100.6133848512	-

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>	-	7.43224	Sqm
i	Semi-Skilled	0.05	0.371612	-
ii	Skilled	0.05	0.371612	-
5	<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 specification and direction of Engineer-in charge.</p>	-	15.07020096	Cum
i	Un-Skilled	4.6	69.322924416	-
ii	Skilled	0.68	10.2477366528	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	191.50855148961	462	88476.950788198
2	Skilled	15.26304333824	562	8577.8303560909
3	Semi-Skilled	0.371612	512	190.265344
<b>Total:</b>				<b>97245.046488289</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>37.050833792</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>19.854465904</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	19.854465904	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>25.798303808</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	59.07811572032	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	12.38318582784	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	24.76637165568	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>7.43224</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0198440808	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.93646224	1Mtr.

5	<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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.	-	15.07020096	Cum
i)	<b>BRM340 : Cement</b>	3.23	48.6767491008	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	6.781590432	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	13.563180864	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	19.854465904	1 Cum	721.61	14327.181140985
2	<b>BRM340</b>	107.75486482112	1 Qntl.	578.947	62384.355723593
3	<b>BRM028</b>	19.16477625984	1 Cum	731.61	14021.141959462
4	<b>BRM044</b>	24.76637165568	1 Cum.	1726.96	42770.533194493
5	<b>BRM104</b>	0.0198440808	1Cum.	58573.086	1162.3290512893
6	<b>BRM092</b>	0.93646224	1Mtr.	229.106	214.54911795744
7	<b>BRM056</b>	13.563180864	1 Cum.	2101.71	28505.872853677
<b>Total: 163385.96304146</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	19.854465904	1 Cum	190.25	3777.312138236
2	<b>BRM028</b>	19.16477625984	1 Cum	190.25	3646.0986834346
3	<b>BRM044</b>	24.76637165568	1 Cum.	244.5	6055.3778698138

4	BRM056	13.563180864	1 Cum.	244.5	3316.197721248
					<b>Total: 16794.986412732</b>

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2908.6951881514
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1221.78	Rs. 1221.78
		<b>Total Addition Component Amount (in Rs.): 9130.4751881514</b>

**Total Net Amount (in Rs.): 299999.99400329**