

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasure	<b>Block</b>	Remuna	<b>Gram Panchayat</b>	Haripur

<b>Work Code</b>	OD/346/3307/116273/925373/00072715 (Const of CC Road from Aktiarpur Durga Mandap to Bapi Tarei House VillAktiarpur)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Remuna	<b>Proposal Date</b>	01-12-2025
<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>	OD/346/3307/116273/925373/00072715/TS
<b>Fund Sanction No.</b>	4818
<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 (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</b>	Sqm	165.36734	4.6662	771.637081908

2	<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	3.7802928	240.77592	910.20347678938
3	<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	15.347988768	906.377232	13911.067576307

4	<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	54.5712222	216.23489289764	11800.20238771
5	<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	21.698880672	6307.1252547	136857.55828509

6	<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	16.63328832	7651.9126009	127276.46849021
<b>Total Amount (in Rs.): 291527.13729802</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0110) :</b> Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	165.36734	Sqm
i	Un-Skilled	0.01	1.6536734	-

2	<p><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></p> <p>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>	-	3.7802928	Cum
i	Un-Skilled	0.516	1.9506310848	-
3	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b></p> <p>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>	-	15.347988768	Cum
i	Un-Skilled	0.1236	1.8970114117248	-

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>	-	54.5712222	Sqm
i	Semi-Skilled	0.05	2.72856111	-
ii	Skilled	0.05	2.72856111	-
5	<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>	-	21.698880672	Cum
i	Un-Skilled	3.9	84.6256346208	-
ii	Skilled	0.18	3.90579852096	-

6	<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>	-	16.63328832	Cum
i	Un-Skilled	4.6	76.513126272	-
ii	Skilled	0.68	11.3106360576	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	166.64007678932	462	76987.715476668
2	Semi-Skilled	2.72856111	512	1397.02328832
3	Skilled	17.94499568856	562	10085.087576971
<b>Total:</b>				<b>88469.826341959</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	<p><b>Earth Work (AR0110)</b>  <b>:.Fine dressing of earth work in ordinary or hard soil in road formation -</b>  Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	165.36734	Sqm
2	<p><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>	-	3.7802928	Cum
3	<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>	-	15.347988768	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	15.347988768	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>	-	54.5712222	Sqm
i)	<p><b>BRM104</b> : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.145705163274	1Cum.
ii)	<p><b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	6.8759739972	1Mtr.
5	<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>	-	21.698880672	Cum
i)	<p><b>BRM340</b> : Cement</p>	2.29	49.69043673888	1 Qntl.
ii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.48	10.41546272256	1 Cum
iii)	<p><b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)</p>	0.96	20.83092544512	1 Cum.

6	<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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.	-	16.63328832	Cum
i)	<b>BRM340</b> : Cement	3.23	53.7255212736	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.484979744	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	14.969959488	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	15.347988768	1 Cum	413.05	6339.4867606224
2	<b>BRM104</b>	0.145705163274	1Cum.	58573.086	8534.401059092
3	<b>BRM092</b>	6.8759739972	1Mtr.	229.106	1575.3268986025
4	<b>BRM340</b>	103.41595801248	1 Qntl.	561.987	58118.42399556
5	<b>BRM028</b>	17.90044246656	1 Cum	1003.19	17957.544878028
6	<b>BRM045</b>	20.83092544512	1 Cum.	1713.67	35697.332007539
7	<b>BRM056</b>	14.969959488	1 Cum.	2322.93	34774.16799346
<b>Total: 162996.6835929</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	15.347988768	1 Cum	427.25	6557.428201128
2	<b>BRM028</b>	17.90044246656	1 Cum	427.25	7647.9640438378
3	<b>BRM045</b>	20.83092544512	1 Cum.	522.5	10884.158545075

4	<b>BRM056</b>	14.969959488	1 Cum.	522.5	7821.80383248
					<b>Total: 32911.354622521</b>

#### **ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 2915.2713729802
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 557	Rs. 557
		<b>Total Addition Component Amount (in Rs.): 8472.2713729802</b>

**Total Net Amount (in Rs.): 299999.408671**