

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Basta	<b>Gram Panchayat</b>	Naikudi

<b>Work Code</b>	OD/346/3301/116129/392237/00075937 (Construction of CC Road from R D Road to Basanta Kumar Das House at Village Bagasahi)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Basta	<b>Proposal Date</b>	26-11-2025
<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>	
<b>Fund Sanction No.</b>	5614
<b>Fund Sanction Amount (in Rs.)</b>	649611

### 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	16.737777312	240.77592	4030.0537310519
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	35.344463424	1282.804232	45340.027258076

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	49.534719824	6767.79136126	335240.6489073
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	28.033632	8171.73502962	229083.41262188

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	93.5068695	216.23489289764	20219.447911526
<b>Total Amount (in Rs.): 633913.59042983</b>					

#### LABOUR STATEMENT

SI.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	-	16.737777312	Cum
i	Un-Skilled	0.516	8.636693092992	-

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.	-	35.344463424	Cum
i	Un-Skilled	0.1236	4.3685756792064	-
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.	-	49.534719824	Cum
i	Skilled	0.18	8.91624956832	-
ii	Un-Skilled	3.9	193.1854073136	-

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>	-	28.033632	Cum
	i Un-Skilled	4.6	128.9547072	-
	ii Skilled	0.68	19.06286976	-
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>	-	93.5068695	Sqm
	i Semi-Skilled	0.05	4.675343475	-
	ii Skilled	0.05	4.675343475	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	335.1453832858	462	154837.16707804
2	Skilled	32.65446280332	562	18351.808095466
3	Semi-Skilled	4.675343475	512	2393.7758592
<b>Total: 175582.7510327</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>16.737777312</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>35.344463424</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	35.344463424	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>49.534719824</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	113.43450839696	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	23.77666551552	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	47.55333103104	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>28.033632</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	90.54863136	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	12.6151344	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	25.2302688	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>93.5068695</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.249663341565	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	11.781865557	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	35.344463424	1 Cum	868.75	30705.5025996
2	<b>BRM340</b>	203.98313975696	1 Qntl.	570.467	116365.64978773
3	<b>BRM028</b>	36.39179991552	1 Cum	873.69	31795.151668191
4	<b>BRM044</b>	47.55333103104	1 Cum.	2271.16	108001.22330446
5	<b>BRM056</b>	25.2302688	1 Cum.	2672.53	67428.650276064
6	<b>BRM104</b>	0.249663341565	1Cum.	58573.086	14623.552376534
7	<b>BRM092</b>	11.781865557	1Mtr.	229.106	2699.296090302
<b>Total:</b>					<b>371619.02610288</b>

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	35.344463424	1 Cum	344.25	12167.331533712
2	<b>BRM028</b>	36.39179991552	1 Cum	344.25	12527.877120918
3	<b>BRM044</b>	47.55333103104	1 Cum.	522.5	24846.615463718

4	BRM056	25.2302688	1 Cum.	522.5	13182.815448
<b>Total: 62724.639566348</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 6491	Rs. 6491
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 4205.99	Rs. 4205.99
<b>Total Addition Component Amount (in Rs.): 15696.99</b>		

**Total Net Amount (in Rs.): 649610.58042983**