

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Bhograi	<b>Gram Panchayat</b>	Gabgan

<b>Work Code</b>	OD/346/3302/275561/391927/00109560 (CONSTRUCTION OF CC ROAD FROM HARI SANKAR DUTTA CC ROAD TO KHITISH BEHERA HOUSE VIA PRADIP BEHERA HOUSE VILL GABGAN)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhograi	<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>	108
<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	19.2974178144	240.77592	4646.3535278865
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	15.67608420288	1084.662432	17003.259615733

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	19.31741513856	6971.88372776	134678.77226691
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	15.997859328	8369.57519312	133895.28657465

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	26.24323944	216.39264180804	5678.8439120225
<b>Total Amount (in Rs.): 295902.5158972</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	-	19.2974178144	Cum
i	Un-Skilled	0.516	9.9574675922304	-

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.	-	15.67608420288	Cum
i	Un-Skilled	0.1236	1.937564007476	-
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.	-	19.31741513856	Cum
i	Skilled	0.18	3.4771347249408	-
ii	Un-Skilled	3.9	75.337919040384	-

4	<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 specifaion and direction of Engineer-in charge.</p>	-	15.997859328	Cum
i	Un-Skilled	4.6	73.5901529088	-
ii	Skilled	0.68	10.87854434304	-
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>	-	26.24323944	Sqm
i	Semi-Skilled	0.05	1.312161972	-
ii	Skilled	0.05	1.312161972	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	160.82310354889	462	74300.273839587
2	Skilled	15.667841039981	562	8805.3266644692
3	Semi-Skilled	1.312161972	512	671.826929664
<b>Total: 83777.427433721</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>19.2974178144</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>15.67608420288</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	15.67608420288	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>19.31741513856</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	44.236880667302	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	9.2723592665088	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	18.544718533018	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>15.997859328</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	51.67308562944	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.1990366976	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	14.3980733952	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>26.24323944</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0700694493048	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.30664816944	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	15.67608420288	1 Cum	751.57	11781.674604359
2	<b>BRM340</b>	95.909966296742	1 Qntl.	576.412	55283.655493038
3	<b>BRM028</b>	16.471395964109	1 Cum	756.51	12460.775760808
4	<b>BRM044</b>	18.544718533018	1 Cum.	2565.56	47577.588079569
5	<b>BRM056</b>	14.3980733952	1 Cum.	2966.93	42718.075898421
6	<b>BRM104</b>	0.0700694493048	1Cum.	58620.646	4107.5163831116
7	<b>BRM092</b>	3.30664816944	1Mtr.	276.666	914.83712244629
<b>Total: 174844.12334175</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	15.67608420288	1 Cum	265.25	4158.0813348139
2	<b>BRM028</b>	16.471395964109	1 Cum	265.25	4369.0377794799
3	<b>BRM044</b>	18.544718533018	1 Cum.	522.5	9689.6154335017

4	BRM056	14.3980733952	1 Cum.	522.5	7522.993348992
<b>Total: 25739.727896787</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 1097	Rs. 1097
<b>Total Addition Component Amount (in Rs.): 4097</b>		

**Total Net Amount (in Rs.): 299999.5158972**