

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Kendujhar Sadar	<b>Gram Panchayat</b>	Handibhanga

<b>Work Code</b>	OD/361/3452/119454/385966/00068189 (CONS OF CC/PAVER ROAD FROM RD ROAD TO GOPAL BANDHA SAHI, KAINSI)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kendujhar Sadar	<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>	6100
<b>Fund Sanction Amount (in Rs.)</b>	636000

### 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	45.528952946576	240.77592	10962.275532349
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	33.723955503316	1127.425832	38021.258591657

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	50.170033120351	6160.09228674	309052.03405016
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	83.4564836055	216.23489289764	18046.203794049

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	32.281152	7619.01927238	245950.71922263
6	<p align="center"><b>Earth Work (AR0122Ai) :</b>  <b>Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift -</b> Earth work in all kinds of soil 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 direction of the Engineer-in-charge.</p>	Cum	4.60148	220.96043508	1016.7450228119
<b>Total Amount (in Rs.): 623049.23621366</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>  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>	-	45.528952946576	Cum
i	Un-Skilled	0.516	23.492939720433	-
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	33.723955503316	Cum
i	Un-Skilled	0.1236	4.1682809002099	-

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>	-	50.170033120351	Cum
i	Skilled	0.18	9.0306059616632	-
ii	Un-Skilled	3.9	195.66312916937	-
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>	-	83.4564836055	Sqm
i	Semi-Skilled	0.05	4.172824180275	-
ii	Skilled	0.05	4.172824180275	-

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 specifaion and direction of Engineer-in charge.</p>	-	32.281152	Cum
i	Un-Skilled	4.6	148.4932992	-
ii	Skilled	0.68	21.95118336	-
6	<p><b>Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift -</b> Earth work in all kinds of soil 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 direction of the Engineer-in-charge.</p>	-	4.60148	Cum
i	Un-Skilled	0.473534	2.17895723032	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	373.99660622033	462	172786.43207379

2	Skilled	35.154613501938	562	19756.892788089
3	Semi-Skilled	4.172824180275	512	2136.4859803008
				<b>Total: 194679.81084218</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>45.528952946576</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>33.723955503316</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	33.723955503316	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>50.170033120351</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	114.8893758456	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	24.081615897768	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	48.163231795537	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>83.4564836055</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.22282881122668	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.515516934293	1Mtr.

5	<b>Concrete (AR0307)</b> :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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 specificaion and direction of Engineer-in charge.	-		<b>32.281152</b>	Cum
i)	<b>BRM340</b> : Cement	3.23		104.26812096	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45		14.5265184	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		29.0530368	1 Cum.
6	<b>Earth Work (AR0122Ai)</b> :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift including rought dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.	-		<b>4.60148</b>	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	33.723955503316	1 Cum	1008.91	34024.435946851
2	<b>BRM340</b>	219.1574968056	1 Qntl.	604.197	132414.30209746
3	<b>BRM028</b>	38.608134297768	1 Cum	1018.91	39338.214117339
4	<b>BRM044</b>	48.163231795537	1 Cum.	1726.96	83175.974781621

5	<b>BRM104</b>	0.22282881122668	1Cum.	58573.086	13051.771123258
6	<b>BRM092</b>	10.515516934293	1Mtr.	229.106	2409.1680227481
7	<b>BRM056</b>	29.0530368	1 Cum.	2101.71	61061.057972928
<b>Total: 365474.9240622</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	33.723955503316	1 Cum	50.25	1694.6287640416
2	<b>BRM028</b>	38.608134297768	1 Cum	50.25	1940.0587484629
3	<b>BRM044</b>	48.163231795537	1 Cum.	424.5	20445.291897205
4	<b>BRM056</b>	29.0530368	1 Cum.	424.5	12333.0141216
<b>Total: 36412.99353131</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 6360	Rs. 6360
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1590.76	Rs. 1590.76
<b>Total Addition Component Amount (in Rs.): 12950.76</b>		

**Total Net Amount (in Rs.): 635999.99621366**