

ESTIMATION DPR							
State	Odisha	District	Dhenkanal	Block	Parajang	Gram Panchayat	Kualo

Work Code	OD/352/3356/117425/402250/00073755 (CONSTRUCTION OF C.C. ROAD FROM PARAMAHANSPUR TALASAHI SAROJ BISWAL HOUSE TO ABHI BEHERA HOUSE)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Parajang	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	27
Fund Sanction Amount (in Rs.)	475000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<p><b>Earth Work (AR0110) :</b>  <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.</b></p>	Sqm	331.106292	4.6662	1545.0081797304

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	9.35370165312	240.77592	2252.1461209355
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	23.95277618976	1418.447232	33975.749085081

4	<p 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	35.679805128	6199.17857166	221185.4833905
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 specifcaion and direction of Engineer-in charge.</p>	Cum	25.2302688	7629.88263442	192503.98977887

6	<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	68.9804775	216.23489289764	14915.986164241
<b>Total Amount (in Rs.): 466378.36271936</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0110) : 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.	-	331.106292	Sqm
i	Un-Skilled	0.01	3.31106292	-

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>  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>	-	9.35370165312	Cum
i	Un-Skilled	0.516	4.8265100530099	-
3	<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>	-	23.95277618976	Cum
i	Un-Skilled	0.1236	2.9605631370543	-

4	<p><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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	35.679805128	Cum
i	Skilled	0.18	6.42236492304	-
ii	Un-Skilled	3.9	139.1512399992	-
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 specificaion and direction of Engineer-in charge.</p>	-	25.2302688	Cum
i	Un-Skilled	4.6	116.05923648	-

	ii	Skilled	0.68	17.156582784	-
6		<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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>	-	68.9804775	Sqm
	i	Semi-Skilled	0.05	3.449023875	-
	ii	Skilled	0.05	3.449023875	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	266.30861258926	462	123034.57901624
2	Skilled	27.02797158204	562	15189.720029106
3	Semi-Skilled	3.449023875	512	1765.900224
				<b>Total: 139990.19926935</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>	-	331.106292	Sqm
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>  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>	-	9.35370165312	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>	-	23.95277618976	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	23.95277618976	1 Cum

4	<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>35.679805128</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	81.70675374312	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	17.12630646144	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	34.25261292288	1 Cum.
5	<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>25.2302688</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	81.493768224	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	11.35362096	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	22.70724192	1 Cum.
6	<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>68.9804775</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.184177874925	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.691540165	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	23.95277618976	1 Cum	413.05	9893.6942051804
2	<b>BRM340</b>	163.20052196712	1 Qntl.	563.667	91990.748615641
3	<b>BRM028</b>	28.47992742144	1 Cum	483.09	13758.368138023
4	<b>BRM044</b>	34.25261292288	1 Cum.	1857.16	63612.582615856
5	<b>BRM056</b>	22.70724192	1 Cum.	2258.53	51284.987093578
6	<b>BRM104</b>	0.184177874925	1Cum.	58573.086	10787.866507279
7	<b>BRM092</b>	8.691540165	1Mtr.	229.106	1991.2840010425
<b>Total: 243319.5311766</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	23.95277618976	1 Cum	934.25	22377.881155283
2	<b>BRM028</b>	28.47992742144	1 Cum	934.25	26607.37219348
3	<b>BRM044</b>	34.25261292288	1 Cum.	269.5	9231.0791827162

4	BRM056	22.70724192	1 Cum.	269.5	6119.60169744
<b>Total: 64335.93422892</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4750	Rs. 4750
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 1871.5	Rs. 1871.5
<b>Total Addition Component Amount (in Rs.): 8621.5</b>		

**Total Net Amount (in Rs.): 474999.86271936**