

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Gram Panchayat	Handibhanga

Work Code	OD/361/3452/119454/385964/00072319 (CONST OF CC ROAD FROM BUDHURAM MUNDA HOUSE TO HABI MUNDA HOUSE AT KATHABAUNSULI MUNDA SAHI)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kendujhar Sadar	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.	6100
Fund Sanction Amount (in Rs.)	313733

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;">Earth Work (AR0122Ai)</p> <p>: 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 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	37.852126882576	220.96043508	8363.8224246774
2	<p style="text-align: center;">Earth Work (AR0115)</p> <p>: Filling foundation and plinth with sand well watered and rammed - 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.</p>	Cum	17.315168437076	1127.425832	19521.568181391

3	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	Cum	23.144044254303	6184.21467224	143127.73805243
4	<p style="text-align: center;">Concrete (AR0307) : 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 specifcaion and direction of Engineer-in charge.</p>	Cum	16.565328	7635.13043888	126478.44004283

5	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	Sqm	40.3692799445	216.23489289764	8729.2469251538
Total Amount (in Rs.): 306220.81562649					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0122Ai) : 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 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.	-	37.852126882576	Cum
i	Un-Skilled	0.473534	17.924269051214	-

2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.</p>	-	17.315168437076	Cum
i	Un-Skilled	0.1236	2.1401548188226	-
3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	-	23.144044254303	Cum
i	Skilled	0.18	4.1659279657745	-
ii	Un-Skilled	3.9	90.261772591782	-

4	<p>Concrete (AR0307) : 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 specifaion and direction of Engineer-in charge.</p>	-	16.565328	Cum
i	Un-Skilled	4.6	76.2005088	-
ii	Skilled	0.68	11.26442304	-
5	<p>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</p>	-	40.3692799445	Sqm
i	Semi-Skilled	0.05	2.018463997225	-
ii	Skilled	0.05	2.018463997225	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	186.52670526182	462	86175.33783096
2	Skilled	17.448815003	562	9806.2340316857
3	Semi-Skilled	2.018463997225	512	1033.4535665792
Total:				97015.025429225

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Ai) :.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 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.	-	37.852126882576	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - 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.	-	17.315168437076	Cum
i)	BRM029 : Sand for filling and road blinding	1	17.315168437076	1 Cum

3	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	-	23.144044254303	Cum
i)	BRM340 : Cement	2.29	52.999861342354	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.109141242065	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.218282484131	1 Cum.
4	<p>Concrete (AR0307) :.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 specifaion and direction of Engineer-in charge.</p>	-	16.565328	Cum
i)	BRM340 : Cement	3.23	53.50600944	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.4543976	1 Cum

iii)	BRM056 : 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	14.9087952	1 Cum.
5	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	-	40.3692799445	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.10778597745182	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.086529273007	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	17.315168437076	1 Cum	1008.91	17469.44658785
2	BRM340	106.50587078235	1 Qntl.	598.252	63717.350207285
3	BRM028	18.563538842065	1 Cum	1018.91	18914.575361569
4	BRM044	22.218282484131	1 Cum.	1766.02	39237.931232625
5	BRM056	14.9087952	1 Cum.	2140.77	31916.301500304
6	BRM104	0.10778597745182	1Cum.	58573.086	6313.3573268792
7	BRM092	5.086529273007	1Mtr.	229.106	1165.3543756215
Total: 178734.31659213					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	17.315168437076	1 Cum	50.25	870.08721396307
2	BRM028	18.563538842065	1 Cum	50.25	932.81782681379
3	BRM044	22.218282484131	1 Cum.	424.5	9431.6609145136

4	BRM056	14.9087952	1 Cum.	424.5	6328.7835624
					Total: 17563.34951769

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 512.15	Rs. 512.15
		Total Addition Component Amount (in Rs.): 7512.15

Total Net Amount (in Rs.): 313732.96562649